**The number of mismatched taxa that is extinct: 72**

*Saurorhamphus freyeri*

*Batrachoides nidificans*

*Joffrichthys triangulpterus*

*Enchodus brevis*

*Bolcyrus formosissimus*

*Phractocephalus nassi*

*Idiacanthus trispinosus*

*Astroscopus countermani*

*Cretophareodus alberticus*

*Carangidarum americanus*

*Corydoras revelatus*

*Batrachoides antiquior*

*Idiacanthus bellistriatus*

*Idiacanthus cameratus*

*Diodon circumflexus*

*Socnopaea grandis*

*Eosolea formosa*

*Lampanyctus latesulcatus*

*Austromola angerhoferi*

*Enchodus gracilis*

*Hoplopteryx antiquus*

*Cimolichthys nepaholica*

*Conger vetustus*

*Myripristis homopterygius*

*Tautoga (Protautoga) conidens*

*Holocentrum pygaeum*

*Beryx radians*

*Eosolea bartonensis*

*Nematonotus bottae*

*Phareodus encaustus*

*Conger meridies*

*Beryx ornatus*

*Eosolea subglabra*

*Holocentrum pygmaeum*

*Palaeolycus dreginensis*

*Congeris brevior*

*Voltaconger latispinus*

*Beryx germanus*

*Eosolea texana*

*Phractocephalus acreornatus*

*Albula dunklei*

*Brychaetus muelleri*

*Joffrichthys symmetropterus*

*Albula eppsi*

*Enchodus venator*

*Taubateia paraiba*

*Myctophum americanum*

*Genartina texana*

*Albula lapidosa*

*Brachyplatystoma promagdalena*

*Beryx zippei*

*Conger fornicatus*

*Rharbichthys ferox*

*Myripristis leptacanthus*

*Teratichthys antiquitatus*

*Ranzania grahami*

*Ranzania tenneyorum*

*Lampadena jacksoni*

*Eosolea claibornensis*

*Conger sanctus*

*Channa elliptica*

*Parenchodus longipterygius*

*Phareodus testis*

*Eurypholis pulchellus*

*Eurypholis boissieri*

*Beryx microcephalus*

*Enchodus petrosus*

*Eosolea aquitanica*

*Fajumia schweinfurthi*

*Claibornichthys troelli*

*Genartina hampshirensis*

*Enchodus marchesettii*

**The number of mismatched taxa that has sp. in name (improper naming): 362**

*Glyptothorax sp. (de Pinna 1993)*

*Genus 2 (Bockmann 1998)*

*Genus 7 sp. (Bockmann 1998)*

*Parotocinclus sp. (Britto 2003)*

*Stegophilus sp. (Schaefer 1990)*

*Phractura sp. (Mo 1991)*

*Diplomystes sp. (de Pinna 1993)*

*Pterodoras sp. (Kailola 2004)*

*Akysis sp. (de Pinna 1993)*

*Coregonus sp. (Fink and Fink 1981)*

*Salmo sp. (Fink and Fink 1981)*

*Poecilocharax sp. (Fink and Fink 1981)*

*Hypostomus sp. round snout 1 (Armbruster 2004)*

*Pareiorhina sp. (Britto 2003)*

*Clarias sp. (Fink and Fink 1981)*

*Otothyris sp. (Schaefer 1991)*

*Orinocodoras sp. (Royero 1999)*

*Chiloglanis sp. E (Vigliotta 2008)*

*Astroblepus sp. (Britto 2003)*

*Farlowella sp. (de Pinna 1993)*

*Leptodoras sp. (Vigliotta 2008)*

*Pareiorhina sp. (Armbruster 2004)*

*Dianema sp. (Kailola 2004)*

*Oxyropsis sp. (de Pinna 1993)*

*Imparfinis sp. B (Bockmann 1998)*

*Acrochordonichthys sp. (de Pinna 1993)*

*Scopaeocharax sp. (Burns et al 1995)*

*Pterygoplichthys sp. (Schaefer 1987)*

*Neosilurus sp. 1 (de Pinna 1993)*

*Exastilithoxus sp. (Armbruster 2004)*

*Loricariidae sp. (Mo 1991)*

*Sturisoma sp. (Schaefer 1987)*

*Corydoras sp. (Mo 1991)*

*Hoplomyzon sp. (Friel 1994)*

*Micralestes cf. elongatus (Zanata and Vari 2005)*

*Garra sp. 'Discognathichthys' (Coburn and Cavender 1992)*

*Creagrutus sp. (Fink and Fink 1981)*

*Synodontis sp. (de Pinna 1993)*

*Roeboides sp. B (Lucena and Menezes 1998)*

*Ixinandria sp. (Britto 2003)*

*Glyptothorax sp. (de Pinna 1996)*

*Genus 12 sp. (Bockmann 1998)*

*Bunocephalus sp. (de Pinna 1993)*

*Myoglanis sp. (Bockmann 1998)*

*Xyliphius cf. melanopterus (Friel 1994)*

*Zaireichthys sp. B (Vigliotta 2008)*

*Hypostomus sp. (Schaefer 1987)*

*Euchilichthys sp. A (Vigliotta 2008)*

*Garra sp. (Coburn and Cavender 1992)*

*Astroblepus festae sp. 2 (Mo 1991)*

*Gyrinocheilus sp. (Fink and Fink 1981)*

*Neoplecostomus sp. (Schaefer 1990)*

*Farlowella sp. (Schaefer 1987)*

*Hypostomus sp. round snout 2 (Armbruster 2004)*

*Erethistes sp. (de Pinna 1993)*

*Genus 5 sp. B (Bockmann 1998)*

*Arius sp. (Royero 1999)*

*Chiloglanis sp. A (Vigliotta 2008)*

*Ageneiosus sp. 3 (Mo 1991)*

*Hoplomyzon n. sp. (Friel 1994)*

*Tyttocharax sp. (Burns et al 1995)*

*Charax sp. (Buckup 1998)*

*Hypoptopoma sp. (Schaefer 1991)*

*Planaltina sp. (Burns et al 1995)*

*Ernstichthys sp. (de Pinna 1993)*

*Astroblepus sp. (Fink and Fink 1981)*

*Loricariichthys sp. (Britto 2003)*

*Tanganikallabes sp. (de Pinna 1993)*

*Micralestes cf. acutidens (Zanata and Vari 2005)*

*Leptodoras sp. (Friel 1994)*

*Sternarchogiton sp. B (Albert 2001)*

*Platystacus sp. (Mo 1991)*

*Argopleura sp. (Weitzman and Fink 1985)*

*Corydoras barbatus sp. II (Britto 2003)*

*Pangasius sp. (de Pinna 1993)*

*Leporinus cf. ecuadorensis (Sidlauskas and Vari 2008)*

*Carpiodes sp. (Fink and Fink 1981)*

*Imparfinis sp. A (Bockmann 1998)*

*Ichthyborus sp. (Fink and Fink 1981)*

*Chrysichthys sp. 1 (de Pinna 1993)*

*Rita sp. (Kailola 2004)*

*Trichomycteridae sp. (de Pinna 1993)*

*Cetopsorhamdia sp. n. B (Bockmann 1998)*

*Akysis sp. 2 (Chen 1994)*

*Engraulis sp. (Arratia 1999)*

*Chiloglanis sp. B (Vigliotta 2008)*

*Erethistes sp. (Chen 1994)*

*Gymnocorymbus sp. (Fink and Fink 1981)*

*Brycon sp. (Lucena and Menezes 1998)*

*Albula sp. (Fink and Fink 1981)*

*Auchenipterichthys sp. (de Pinna 1993)*

*Sturisoma sp. (Friel 1994)*

*Tyttocharax sp. A (Weitzman and Fink 1985)*

*Chaetostoma sp. (Friel 1994)*

*Astroblepus sp. (Armbruster 2004)*

*Cetopsidae sp. (de Pinna 1993)*

*Scleromystax sp. (Britto 2003)*

*Allothrissops sp. (Arratia 1999)*

*Genus C species C (Malabarba 1998)*

*Bunocephalus sp. (de Pinna 1996)*

*Catostomus sp. (Fink and Fink 1981)*

*Megalancistrus sp. (Schaefer 1987)*

*Neoplecostomus sp. (Schaefer 1991)*

*Ageneiosus sp. 2 (Mo 1991)*

*Gagata sp. (de Pinna 1993)*

*Xyliphius cf. lepturus (Friel 1994)*

*Osteoglossum sp. (de Pinna and Grande 2003)*

*Rineloricaria sp. (Britto 2003)*

*Synodontis sp. (Royero 1999)*

*Ancistrus sp. (Britto 2003)*

*Rhamdia sp. (Kailola 2004)*

*Erethistes sp. (de Pinna 1996)*

*Microlepidogaster sp. (Armbruster 2004)*

*Bagrichthys sp. 1 (de Pinna 1993)*

*Akysis sp. 1 (Chen 1994)*

*Hysteronotus sp. (Weitzman and Menezes 1998)*

*Xyliphius sp. (Chen 1994)*

*Auchenipterus sp. (de Pinna 1993)*

*Tetranematichthys n. sp. (Royero 1999)*

*Loricaria sp. (Armbruster 2004)*

*Amphilius sp. A (Vigliotta 2008)*

*Bunocephalus n. sp. 4 (Friel 1994)*

*Ageneiosus cf. guianensis (Mo 1991)*

*Otothyris sp. (Britto 2003)*

*Phenacorhamdia sp. B (Bockmann 1998)*

*Exostoma sp. (de Pinna 1996)*

*Liposarcus sp. (Friel 1994)*

*Characidium sp. (Fink and Fink 1981)*

*Phenacorhamdia sp. D (Bockmann 1998)*

*Bunocephalus n. sp. 5 (Friel 1994)*

*Gladioglanis sp. A (Bockmann 1998)*

*Leptoglanis sp. (de Pinna 1993)*

*Roeboides sp. A (Lucena and Menezes 1998)*

*Humbertia sp. (Arratia 1999)*

*Zaireichthys sp. A (Vigliotta 2008)*

*Arius sp. (Kailola 2004)*

*Pseudobunocephalus cf. bifidus (Friel 1994)*

*Trichomycterus sp. (Schaefer 1990)*

*Loricariichthys sp. (Schaefer 1987)*

*Imparfinis sp. n. (Bockman 1998)*

*Genus 7 (Bockmann 1998)*

*Anaethalion cf. A. subovatus (Arratia 1999)*

*Distichodus sp. (Sidlauskas and Vari 2008)*

*Ageneiosus sp. (Soares-Porto 1998)*

*Hemiancistrus sp. (Armbruster 2004)*

*Ageneiosus sp. (de Pinna 1993)*

*Hemipsilichthys sp. (Armbruster 2004)*

*Pimelodella sp. n. (Bockmann 1998)*

*Euchilichthys sp. B (Vigliotta 2008)*

*Pachythrissops sp. (Arratia 1999)*

*Centromochlus sp. (Rio Negro) (Royero 1999)*

*Phenacorhamdia sp. A (Bockmann 1998)*

*Pterygoplichthys sp. (de Pinna 1993)*

*Peckoltia sp. big spot (Armbruster 2004)*

*Chiloglanis sp. C (Vigliotta 2008)*

*Neosilurus sp. 2 (de Pinna 1993)*

*Chiloglanis sp. (de Pinna 1993)*

*Chaetostomus sp. (Britto 2003)*

*Loricariinae sp. (Friel 1994)*

*Ancistrus sp. (Britz and Hoffman 2006)*

*Peckoltia sp. 2 (Armbruster 2004)*

*Trachydoras sp. (Vigliotta 2008)*

*Astroblepus sp. (Schaefer 1990)*

*Hypoptopoma sp. (Britto 2003)*

*Hypostomus sp. (de Pinna 1993)*

*Amblygaster sp. (DiDario 2004)*

*Thrissops cf. T. subovatus (Arratia 1999)*

*Hypoptopoma sp. (Armbruster 2004)*

*Chrysichthys sp. 2 (de Pinna 1993)*

*Ameiurus sp. (Vigliotta 2008)*

*Sternopygus sp. (Fink and Fink 1981)*

*Corydoras n. sp. (Britto 2003)*

*Thrissops cf. T. formosus (Arratia 1999)*

*Hemiodus sp. (Fink and Fink 1981)*

*Phractura sp. (de Pinna 1993)*

*Scoloplax sp. (de Pinna 1993)*

*Phractura sp. (Vigliotta 2008)*

*Astroblepus sp. (de Pinna 1993)*

*Amphilius sp. B (Vigliotta 2008)*

*Otocinclus sp. (Schaefer 1987)*

*Neosilurus sp. (Kailola 2004)*

*Limatulichthys sp. (Britto 2003)*

*Kronichthys sp. (Schaefer 1987)*

*Glyptothorax sp. (Friel 1994)*

*Trachelyichthys n. sp. 2 (Royero 1999)*

*Pseudobunocephalus sp. (Friel 1994)*

*Genus 2 sp. B (Bockmann 1998)*

*Cetopsidium sp. (de Pinna, Ferraris and Vari 2007)*

*Loricaria sp. (Britto 2003)*

*Centrodoras sp. (Vigliotta 2008)*

*Centromochlus n. sp. (Royero 1999)*

*Trachycorystes sp. (de Pinna 1993)*

*Leporinus cf. moralesi (Sidlauskas and Vari 2008)*

*Chiloglanis sp. D (Vigliotta (2008)*

*Ameiurus sp. (de Pinna 1993)*

*Notropis sp. ""sawfin shiner"" (Coburn and Cavender 1992)*

*Bunocephalus n. sp. 3 (Friel 1994)*

*Microlepidogaster sp. (Britto 2003)*

*Leptorhamdia sp. (Bockmann 1998)*

*Pseudancistrus sp. (Armbruster 2004)*

*Pseudopimelodus sp. (Friel 1994)*

*Ageneiosus sp. 1 (Mo 1991)*

*Synodontis sp. (Vigliotta 2008)*

*Megalonema sp. (de Pinna 1993)*

*Loricaria sp. (Schaefer 1987)*

*Bunocephalus sp. (Mo 1991)*

*Tyttocharax sp. B (Weitzman and Fink 1985)*

*cf. Arius macrorhynchus (Kailola 2004)*

*Kronichthys sp. 1 (Armbruster 2004)*

*Platydoras sp. (Royero 1999)*

*Bunocephalus sp. (Fink and Fink 1981)*

*Hemisorubim sp. (de Pinna 1993)*

*Genus 5 (Bockmann 1998)*

*Pterodoras sp. (Royero 1999)*

*Pseudopimelodus sp. (de Pinna 1993)*

*Bunocephalus sp. 3 (Chen 1994)*

*Farlowella sp. (Britto 2003)*

*Astroblepus festae sp. 3 (Mo 1991)*

*Microsynodontis sp. (Vigliotta 2008)*

*Acentronichthys sp. n. B (Bockmann 1998)*

*Bunocephalus n. sp. 2 (Friel 1994)*

*Pseudoloricaria sp. (Britto 2003)*

*Ictalurus sp. (Vigliotta 2008)*

*Clarias sp. (de Pinna 1993)*

*Bunocephalus sp. 2 (Chen 1994)*

*Phenacorhamdia sp. C (Bockmann 1998)*

*Neoplecostomus sp. (de Pinna 1993)*

*Microlepidogaster sp. (Schaefer 1991)*

*Entomocorus sp. (de Pinna 1993)*

*Genus 1 (Royero 1999)*

*Leiocassis sp. (Mo 1991)*

*Megalops sp. (Fink and Fink 1981)*

*Austroglanis sp. (de Pinna 1993)*

*Citharinus sp. (Sidlauskas and Vari 2008)*

*Neoplecostomus sp. (Britto 2003)*

*Liobagrus cf. marginatus (Mo 1991)*

*Decapogon sp. (Schaefer 1987)*

*Genus 5 sp. A (Bockmann 1998)*

*Trachelyopterus sp. (Vigliotta 2008)*

*Schizolecis sp. (Britto 2003)*

*Corydoras barbatus sp. I (Britto 2003)*

*Ictalurus sp. (Fink and Fink 1981)*

*Hydrocynus cf. brevis (Zanata and Vari 2005)*

*Esox sp. (Fink and Fink 1981)*

*Clarias sp. (Britz and Hoffman 2006)*

*Osteogeneiosus sp. (Mo 1991)*

*Arius sp. (Schaefer 1990)*

*Cnidoglanis sp. (Mo 1991)*

*Leporinus cf. niceforoi (Sidlauskas and Vari 2008)*

*Hybognathus sp. (Coburn and Cavender 1992)*

*Amblydoras sp. (Friel 1994)*

*Akysis sp. 1 (de Pinna 1996)*

*Tridentopsis sp. (Schaefer 1990)*

*Microglanis sp. (de Pinna 1993)*

*Heteropneustes sp. (de Pinna 1993)*

*Brycon sp. (Fink and Fink 1981)*

*Lipopterichthys sp. (Britto 2003)*

*Cetopsorhamdia sp. n. C (Bockmann 1998)*

*Trachyglanis sp. (de Pinna 1993)*

*Opsariichthys sp. (Cavender and Coburn 1992)*

*Imparfinis sp. cf. minutus (Bockman 1998)*

*Kronichthys sp. 2 (Armbruster 2004)*

*Ernstichthys sp. (de Pinna 1996)*

*Pseudopimelodus sp. 2 (Shibatta 1991)*

*Distichodus sp. (Fink and Fink 1981)*

*Pimelodella sp. B (Bockmann 1998)*

*Hypostomus sp. (Britto 2003)*

*Panaque sp. (de Pinna 1993)*

*Mesoborus sp. (Fink and Fink 1981)*

*Bunocephalus cf. knerii (Friel 1994)*

*Rhamdiopsis sp. n. A (Bockmann 1998)*

*Leporinus cf. fasciatus (Sidlauskas and Vari 2008)*

*Eutropius sp. (de Pinna 1993)*

*Hoplomyzon cf. papillatus (Friel 1994)*

*Ctenolucius sp. (Fink and Fink 1981)*

*Bunocephalus sp. 1 (Chen 1994)*

*Ernstichthys sp. (Friel 1994)*

*Pseudancistrus sp. gold spot (Armbruster 2004)*

*Hemidoras sp. (Vigliotta 2008)*

*Henonemus sp. (Schaefer 1990)*

*Hypoptopoma sp. (Schaefer 1987)*

*Malapterurus sp. (Vigliotta 2008)*

*Adontosternarchus sp. (Fink and Fink 1981)*

*Helogenes sp. (Mo 1991)*

*Abramites sp. (Fink and Fink 1981)*

*Lycoptera davidi cf. L. tokunagai (Arratia 1999)*

*Genus sp. 1 (Royero 1999)*

*Synodontis ? sp. (Royero 1999)*

*Compasaria sp. 1 (Albert 2001)*

*Propimelodus sp. (Mo 1991)*

*Auchenipterus sp. (cuyuni) (Royero 1999)*

*Parotocinclus sp. (Schaefer 1991)*

*Lycoptera cf. L. sinensis (Arratia 1999)*

*Pimelodella sp. A (Bockmann 1998)*

*Peckoltia sp. 1 (Armbruster 2004)*

*Harttia sp. (Armbruster 2004)*

*Wallago sp. (Mo 1991)*

*Planiloricaria sp. (Britto 2003)*

*Ompok sp. (de Pinna 1993)*

*Akysis sp. (Friel 1994)*

*Apareiodon sp. (Fink and Fink 1981)*

*Bunocephalus sp. (Friel 1994)*

*Euchilichthys sp. C (Vigliotta 2008)*

*Synodontis sp. (Mo 1991)*

*Pseudotothyris sp. (Schaefer 1991)*

*Chasmocranus sp. (de Pinna 1993)*

*Corydoras sp. (de Pinna 1993)*

*Trachelyopterus sp. (de Pinna 1993)*

*Pseudopimelodus sp. 1 (Shibatta 1991)*

*Rhinodoras sp. (Vigliotta 2008)*

*Pristigaster sp. (DiDario 1999)*

*Bagrichthys sp. 2 (de Pinna 1993)*

*Akysis sp. 3 (de Pinna 1996)*

*Phreatobius sp. 2 (de Pinna 1993)*

*Diplomystes sp. (Vigliotta 2008)*

*Gephyrocharax sp. (Weitzman and Fink 1985)*

*Silurichthys sp. (Bornbusch 1991)*

*Lasiancistrus sp. (Armbruster 2004)*

*Acrobrycon sp. (Burns et al 1995)*

*Amaralia n. sp. (Friel 1994)*

*Astephus sp. (Lundberg 1992)*

*Ancistrus sp. (Armbruster 2004)*

*Micralestes sp. (Zanata and Vari 2005)*

*Vandellia sp. (Fink and Fink 1981)*

*Crossoloricaria sp. (Armbruster 2004)*

*Tatia sp. (de Pinna 1993)*

*Hypostomus sp. (Schaefer 1990)*

*Astroblepus festae sp. 1 (Mo 1991)*

*Panaque sp. (Friel 1994)*

*Chiloglanis sp. F (Vigliotta 2008)*

*Entomocorus n. sp. (Royero 1999)*

*Chiloglanis sp. G (Vigliotta 2008)*

*Pterobunocephalus sp. (Friel 1994)*

*Callichthys sp. (Mo 1991)*

*Pterygoplichthys sp. (Vigliotta 2008)*

*Anaethalion sp. (Arratia 1999)*

*Genus 12 (Bockmann 1998)*

*Phreatobius sp. 1 (de Pinna 1993)*

*Genus 6 sp. (Bockmann 1998)*

*Corydoras sp. A (Britto 2003)*

*Aspidoras cf. pauciradiatus (Britto 2003)*

*Akysis sp. 2 (de Pinna 1996)*

*Exostoma sp. (Chen 1994)*

*Mystus sp. (Kailola 2004)*

*Glyptothorax sp. (Chen 1994)*

*Genus 2 sp. A (Bockmann 1998)*

*Roestes sp. (Lucena and Menezes 1998)*

*Ictalurus sp. (Mo 1991)*

*Exostoma sp. (de Pinna 1993)*

*Genus 6 (Bockmann 1998)*

*Characidium cf. zebra (Buckup 1998)*

*Homaloptera sp. (Fink and Fink 1981)*

*Genus 11 sp. (Bockmann 1998)*

*Eigenmannia sp. (Fink and Fink 1981)*

*Cetopsorhamdia sp. n. A (Bockmann 1998)*

*Reganella sp. (Britto 2003)*

*Hemiancistrus sp. Brazil (Armbruster 2004)*

*Bunocephalus n. sp. 1 (Friel 1994)*

*Loricaria sp. (Friel 1994)*

*Imparfinis sp. (de Pinna 1993)*

*Oxyropsis sp. (Schaefer 1991)*

*Genus 11 (Bockmann 1998)*

**The remaining mismatches list: 940**

*Hippocampus europaeus*

*Patagonotothen shagensis*

*Leiocassis similis*

*Salarias basilisca*

*Rivulus tocantinensis*

*Kryptopterus eugeneiatus*

*Aspidoras aff. poecilus (Britto 2003)*

*Megalebias wolterstorffi*

*Rivulus peruanus*

*Homaloptera smithi*

*Rivulus siegfriedi*

*Silurus palavanensis*

*Hippocampus planifrons*

*Rivulus uatuman*

*Dinotopterus jacksoni*

*Canthigaster rostratus*

*Liparis quasimodo*

*Trachycorystes obscurus*

*Leptocephalus holti*

*Megalodoras granulosus*

*Hypsoblennius hentzi*

*Ctenopoma fasciolatum*

*Hippocampus chinensis*

*Platybelone platura*

*Rivulus sape*

*Duboisialestes tumbensis*

*Rivulus amanan*

*Rivulus jurubatibensis*

*Odax acroptilus*

*Peckoltia snethlageae*

*Farlowella platoryncus*

*Cichlasoma ornatum*

*Heterandria litoperas*

*Isorineloricaria spinosissimus*

*Synodontis fascipinna*

*Pseudotrematomus lepidorhinus*

*Hime purpurissata*

*Lycodes pacificus*

*Rivulus elongatus*

*Hypostomus commersonii*

*Rivulus montium*

*Nothobranchius mkuziensis*

*Rivulus rossoi*

*Hypsidoris farsonensis*

*Rivulus lanceolatus*

*Monotrete brevirostris*

*Doryrhamphus multiannulatus*

*Tetraodon leiurus*

*Pseudotrematomus loennbergii*

*Nannoplecostomus eleonorae*

*Rivulus micropus*

*Lipophrys adriaticus*

*Plicofollis angyropleuron*

*Leiocassis longispinalis*

*Procatopus kabae*

*Procatopus loemensis*

*Bathophilus metallicus*

*Gnathagnus egregius*

*Cyprinus buggenhagii*

*Xyrichtys woodi*

*Cottus altaicus*

*Microphis biocellatus*

*Astephus resimus*

*Syngnathus argentatus*

*Pseudotrematomus scotti*

*Bassanago albescens*

*Hemiancistrus itacua*

*Centromochlus marthae*

*Microphis ocellatus*

*Cathorops higuchi*

*Limnothrissa stappersii*

*Oligancistrus punctatissimus*

*Alutera monoceros*

*Sciades sona*

*Solea nasuta*

*Rivulus kayabi*

*Aseraggodes pavoninus*

*Malapterurus baarbatus*

*Neoarius coatesi*

*Platybelone lovii*

*Rivulus torrenticola*

*Isorineloricaria spinosissma*

*Procatopus cabindae*

*Simpsonichthys flavicaudatus*

*Lebias anatoliae*

*Cryptoheros septemfasciatus*

*Austrolebias salviai*

*Lipophrys dalmatinus*

*Xenobalistes caeruleolineatus*

*Brachirus salinarum*

*Simpsonichthys janaubensis*

*Moringua raitaborus*

*Andamia expansa*

*Gila alvordensis*

*Ariopsis seemanni*

*Parapteronotus bonapartii*

*Simpsonichthys constanciae*

*Trachelyichthys n. sp 1 (Royero 1999)*

*Rivulus glaucus*

*Hippocampus tuberculatus*

*Scoloplax baileyi*

*Selar crumenmophthalmus*

*Chiasmodon lavenbergi*

*Rivulus ornatus*

*Synodontis marmorata*

*Simpsonichthys flagellatus*

*Chlorophthalmus agassiz*

*Microphis platyrhynchus*

*Halidesmus waltairiensis*

*Rivulus nicoi*

*Phalloceros malabarai*

*Rivulus pacificus*

*Gymnothorax prionodon*

*Orestias frontosus*

*Pseudoscopelus vityazi*

*Thalassenchelys coheni*

*Rivulus caurae*

*Eomola bimaxillaria*

*Brachysynodontis batensoda*

*Soleichthys multifasciatus*

*Acanthostracion bucephalus*

*Archaeotetraodon jamestyleri*

*Tatia creutzbergi*

*Dinotopterus gigas*

*Pseudoscopelus albeolus*

*Bothus thompsoni*

*Rivulus salmonicaudus*

*Exoglossum maxillingua*

*Sympterichthys politus*

*Uncisudis longirostris*

*Epiplatys berkenkampi*

*Protoclupea chilensis*

*Knightia bohaiensis*

*Simpsonichthys magnificus*

*Scartichthys xiphiodon*

*Simpsonichthys hellneri*

*Rivulus intermittens*

*Rivulus illuminatus*

*Channa pleurophthalmus*

*Astyanax incaocus*

*Parapercis mimaseana*

*Parasilurus asotus*

*Salarias reticulatus*

*Artedidraco loennbergi*

*Lycodes fasciatus*

*Cryptobalistes brevis*

*Protriacanthus gortanii*

*Odax cyanomelas*

*Himantolophus rostratus*

*Rondeletia bicolor*

*Paranotothenia trigramma*

*Plotosus anguillaris*

*Pseudobagrus vachellii*

*Rivulus litteratus*

*Lipophrys canevae*

*Antennarius analis*

*Gymnelus barsukovi*

*Rivulus kayapo*

*Synodus cresseyi*

*Liosaccus pachygaster*

*Clarotes macrocephalus*

*Synodontis melanoptera*

*Pseudobagrus aurantiacus*

*Amblydoras bolivarensis*

*Hemiarius kessleri*

*Cynopanchax bukobanus*

*Barbus callensis*

*Tharsis dubius*

*Halichoeres chrysotaenia*

*Rhinecanthus echarpe*

*Scobinichthys granulosus*

*Synodontis ornatissima*

*Hypostomus cordovae*

*Hypostomus butantanis*

*Canthidermis maculatus*

*Chatrabus damaranus*

*Pagothenia phocae*

*Protoclupea atacamensis*

*Rivulus bororo*

*Sphoeroides hyperostosus*

*Hexanematichthys mastersi*

*Archaeotetraodon winterbottomi*

*Parotocinclus halbothi*

*Platybelone pterura*

*Heterandria obliqua*

*Hypostomus emarginatus 1 (Armbruster 2004)*

*Acentronura breviperula*

*Pelteobagrus nudiceps*

*Lophiodes abdituspinus*

*Tetraodon cochinchinensis*

*Arius latiscutatus*

*Omobranchus lineolatus*

*Simpsonichthys chacoensis*

*Conger dissimilis*

*Poecilothrissa congica*

*Bembrops philippinus*

*Erethistes serratus*

*Microglanis aff. iberingi (Shibatta 1998)*

*Rivulus megaroni*

*Trachinotus bailloni*

*Synodontis punctulata*

*Notarius troschelii*

*Rivulus bahianus*

*Rivulus monticola*

*Neotropius khavalchor*

*Rivulus scalaris*

*Antennarius senegalensis*

*Symphurus arabicus*

*Cirrhilabrus ryukyuensis*

*Laimosemion ubim*

*Rivulus dibaphus*

*Jenynsia pygogramma*

*Syngnathus hymenolomus*

*Pseudotrematomus pennellii*

*Synodontis caudovittata*

*Tarletonbeania tenua*

*Simpsonichthys izecksohni*

*Sciades platypogon*

*Symphurus sayademalhensis*

*Rivulus romeri*

*Halicampus crinitus*

*Hippocampus taeniopterus*

*Sardinella janeiro*

*Poeciliopsis letoni*

*Orthrias tigris*

*Cichlasoma salvini*

*Stemonosudis elongatus*

*Melletes papilio*

*Hisonotus candombe*

*Navodon xanthopterus*

*Anguilla borneensis*

*Pseudobagrus tokiensis*

*Pseudobagrus pictus*

*Pshekhadiodon parini*

*Synaphobranchus capensis*

*Cichlasoma beani*

*Rivulus monikae*

*Leiuranus cyclorhinus*

*Chrysichthys furcatus*

*Tylosurus imperialis*

*Solea lascaris*

*Leptolepis coryphaenoides*

*Parauchenoglanis loennbergi*

*Poecilia parae*

*Astyanax novae*

*Corythoichthys isigakius*

*Hippocampus villosus*

*Mastacembelus flavomarginatus*

*Spectrolebias reticulatus*

*Epiplatys azureus*

*Electrona subasper*

*Cottus haemusi*

*Zenopsis nebulosa*

*Phaenomonas forsteri*

*Hippocampus dahli*

*Platybelone trachura*

*Hippichthys cyanospilus*

*Lipophrys velifer*

*Pseudobagrus wittenburgii*

*Cretatriacanthus guidottii*

*Mystriophis porphyreus*

*Rivulus speciosus*

*Microphis leiaspis*

*Ostracion clippertonense*

*Mola chelonopsis*

*Ostichthys sufensis*

*Rivulus corpulentus*

*Synodus houlti*

*Pseudotrematomus hansoni*

*Lycodes colletti*

*Ascalabos voithii*

*Brachypetersius gabonensis*

*Lacustricola lualabaensis*

*Creedia bilineatus*

*Ariopsis assimilis*

*Scartichthys fernandezensis*

*Rivulus zygonectes*

*Dinotopterus atribranchus*

*Sciades felis*

*Patagonotothen occidentalis*

*Doras fimbriatus*

*Leptocephalus thorianus*

*Pseudobagrus ransonnettii*

*Alticus aldabraensis*

*Zungaro luetkeni*

*Compsaraia compsus*

*Gordichthys conquensis*

*Neoarius velutinus*

*Astephus antiquus*

*Dexillus muelleri*

*Hime formosanus*

*Hisonotus leptochilus*

*Bothrocara tanakae*

*Brycinus aff. nurse (Zanata and Vari 2005)*

*Selene setipinnis*

*Hemipsilichthys? (Armbruster 2004)*

*Synodontis leoparda*

*Procatopus lamberti*

*Regalecus pacificus*

*Rivulus rutilicaudus*

*Halieutopsis nasuta*

*Lycoptera davidi*

*Zebrias japonica*

*Halichoeres kneri*

*Peckoltia arenaria*

*Brachirus selheimi*

*Phoxocampus kampeni*

*Cottus kuznetzovi*

*Plotosus brevibarbus*

*Rhamdella gilli*

*Vladichthys gloverensis*

*Zebrias cochinensis*

*Plancterus zebrinus*

*Austrolebias vasferreirai*

*Channichthys normani*

*Rivulus xanthonotus*

*Glyptothorax sausii*

*Gila boraxobius*

*Paralipophrys trigloides*

*Cichlasoma istlanum*

*Syngnathus pellegrini*

*Gagata gasawyuh*

*Domeykos profetaesis*

*Leptolepides haerteisi*

*Zebrasoma veliferum*

*Notropis dorsalis*

*Halichoeres annularis*

*Lipophrys bauchotae*

*Clupeonella muhlsi*

*Nemacheilus insignis*

*Antennarius ocellatus*

*Sinopangasius semicultratus*

*Tachysurus mica*

*Parapercis tetracanthus*

*Zaireichthys rhodesiensis*

*Solea orientalis*

*Lasiancistrus nationi*

*Rivulus uakti*

*Simpsonichthys igneus*

*Spinacanthus cuneiformis*

*Trichomycterus anhanga*

*Tautoga (Protautoga)*

*Antennarius scriptissimus*

*Synodontis guttata*

*Gelanoglanis tracieso*

*Paruroconger drachi*

*Chlorophthalmus productus*

*Ophisoma prorigerum*

*Caulophryne bacescui*

*Epiplatys infrafasciatus*

*Mystus elongatus*

*Aphyosemion jeanpoli*

*Antennarius drombus*

*Neoarius latirostris*

*Rineloricaria rupestris*

*Xyrichtys pentadactylus*

*Ophichthus unicolor*

*Xyrichtys bimaculatus*

*Comephorus baikalensis*

*Ancistrus albihoai*

*Rivulus planaltinus*

*Kali caribbaea*

*Notarius phrygiatus*

*Rivulus lazzarotoi*

*Rivulus vittatus*

*Synaptura nigra*

*Platybelone argalus*

*Dinotopterus filicibarbis*

*Pseudobagrus nitidus*

*Rivulus cladophorus*

*Hoplostethus racurictus*

*Danio erythromicron*

*Formosania lacustre*

*Stomias colubrinus*

*Rivulus atratus*

*Proaracana dubia*

*Alosa pontica*

*Belone acus*

*Antennarius radiosus*

*Barbus versluysii*

*Caranx otrynter*

*Ophichthus fowleri*

*Paratrachichthys pulsator*

*Gymnodraco victori*

*Trichomycterus florense*

*Muraenesox yamaguchiensis*

*Ipnops pristibrachium*

*Scomberoides commersonianus*

*Poropanchax myersi*

*Nemapteryx caelatus*

*Brachaluteres fahaqa*

*Rivulus crixas*

*Doryrhamphus dactyliophorus*

*Chelonodon dapsilis*

*Rhinecanthus rectangularis*

*Bathycongrus baranesi*

*Synaptura marginata*

*Antennarius duescus*

*Tetraodon palembangensis*

*Pseudocaranx cheilio*

*Echiophis mordax*

*Zignoichthys oblongus*

*Procatopus schioetzi*

*Microphis aculeatus*

*Halichoeres hyrtlii*

*Platybelone annobonensis*

*Nemacheilus savona*

*Pellona mayrinki*

*Batrichthys felinus*

*Aulopus nanae*

*Rhombus minimus*

*Bolcabalistes varii*

*Aplocheilichthys luluae*

*Liauchenoglanis maculatus*

*Pseudoscopelus microps*

*Electrona rissoi*

*Ophisurus rotundus*

*Cyprinella zanema*

*Brachirus fitzroiensis*

*Syngnathus acicularis*

*Pachythrissops laevis*

*Pachythrissops vectensis*

*Gymnothorax miliais*

*Rivulus derhami*

*Pseudolabrus crassilabris*

*Batasio niger*

*Arothron perspicillaris*

*Antennablennius sexfasciatus*

*Gymnelus platycephalus*

*Rivulus modestus*

*Parbatmya brazosensis*

*Gymnoscopelus aphya*

*Gila bicolor*

*Bathophilus cwyanorum*

*Fundulopanchax sjoestedti*

*Anaethalion angustissimus*

*Arius parkii*

*Lampanyctus cupriarius*

*Ammodytes idai*

*Rivulus depressus*

*Albula goreensis*

*Hypostomus plecostomus 1 (Armbruster 2004)*

*Eospinus daniltshenkoi*

*Stomias pacificus*

*Rhynchocypris oxycephalus*

*Simpsonichthys mediopapillatus*

*Aplocheilichthys atripinnis*

*Rivulus tessellatus*

*Rivulus leucurus*

*Pseudolabrus mortonii*

*Uropterygius goslinei*

*Orthrias panthera*

*Fundulopanchax kribianus*

*Hippocampus moluccensis*

*Bothus ypsigrammus*

*Microphis millepunctatus*

*Clarias tijsmanni*

*Rhinecanthus rectanguls*

*Labrus cyaedus*

*Hippocampus natalensis*

*Belone euxini*

*Heterandria dirempta*

*Echiodon anchiperus*

*Synodontis resupinata*

*Solea bleekeri*

*Acanthostracion polygonia*

*Varasichthys ariasi*

*Hemibagrus johorensis*

*Bovichtus elongatus*

*Notarius bonillai*

*Dinotopterus loweae*

*Barchatus cirrhosa*

*Trichiurus nanhaiensis*

*Chascanopsetta danae*

*Careproctus cryptacanthoides*

*Paramphilius goodi*

*Protacanthodes nimesensis*

*Lycodes gracilis*

*Paranotothenia angustata*

*Astephus calvus*

*Osmerus dentex*

*Alticus orientalis*

*Laimosemion jauaperi*

*Rivulus faucireticulatus*

*Ompok krattensis*

*Tetraodon turgidus*

*Balistomorphus spinosus*

*Tylosurus fodiator*

*Leptolebias cruzi*

*Hippocampus suezensis*

*Lactoria fornasini*

*Tetraodon suvattii*

*Scomberoides moadetta*

*Pseudotrematomus eulepidotus*

*Rivulus limoncochae*

*Gymnothorax kikako*

*Plectocretacicus clarae*

*Gymnothorax argus*

*Astyanax vermulion*

*Phalacronotus micronema*

*Rivulus mazaruni*

*Clupea pallasi*

*Hippocampus bicuspis*

*Scartichthys rubropunctatus*

*Balistes villosus*

*Coloconger saldanhai*

*Harpagifer marionensis*

*Istiblennius enosimae*

*Epiplatys steindachneri*

*Lasiancistrus castelnaui*

*Rivulus riograndensis*

*Gymnothorax ruepellii*

*Anaethalion knorri*

*Triphoturus microchir*

*Nematogenys cuivi*

*Pseudojuloides inornatus*

*Anaethalion angustus*

*Neostethus geminus*

*Hypostomus emarginatus 2 (Armbruster 2004)*

*Pseudotrematomus nicolai*

*Coreobagrus okadai*

*Chelidonichthys gurnardus*

*Rivulus pinima*

*Dinotopterus foveolatus*

*Acanthopleurus collettei*

*Stlegicottus scutiger*

*Pterolebias hoignei*

*Cichlasoma festae*

*Bryx heraldi*

*Erethistes maesotensis*

*Nimbapanchax melanopterygiuus*

*Liparis takashimensis*

*Symphodus ocellaris*

*Synaptura commersonnii*

*Saurenchelys elongatum*

*Zignodon fornasieroae*

*Antennarius multioccelatus*

*Aspistor insculptus*

*Halichoeres lamarii*

*Gephyroglanis congicus*

*Protacanthodes ombonii*

*Aplocheilichthys nimbaensis*

*Prohollardia avita*

*Carangoides ciliarius*

*Rivulus kuelpmanni*

*Hippocampus polytaenia*

*Peckoltia ucayalensis*

*Xenoclarias holobranchus*

*Chilomycterus reticulartus*

*Rivulus giarettai*

*Pseudobagrus hoi*

*Megalebias elongatus*

*Lycodes schmidti*

*Ostracion meretrix*

*Mastacembelus goro*

*Microphis vaillantii*

*Nototheniops larseni*

*Simpsonichthys semiocellatus*

*Corydoras bertoni*

*Holocentrus adscensionsis*

*Lycoptera sinensis?*

*Thalassenchelys foliaceus*

*Acentronura mossambica*

*Halicampus vittatus*

*Iniistius javanicus*

*Crystallodytes enderburyensis*

*Lampanyctus bensoni*

*Rivulus parnaibensis*

*Rhamdia quelin*

*Bodianus albostriatus*

*Orthogonikleithrus leichi*

*Hemiancistrus pankimpuju*

*Syngnathus heptagonus*

*Rivulus altivelis*

*Rivulus lungi*

*Lacustricola moeruensis*

*Rivulus gaucheri*

*Eoplectus bloti*

*Rivulus wassmanni*

*Arius danicus*

*Pseudocaranx georgianus*

*Laciris pelagicus*

*Microphis lineatus*

*Niwaella multifasciata*

*Pterygoplichthys ambrosettiii*

*Rivulus elegans*

*Leiocassis macropterus*

*Arius harmandi*

*Rivulus javahe*

*Omobranchus ferox*

*Amarginops hildae*

*Uropterygius makatei*

*Myxocephalus quadricornis*

*Triglopsis quadricornis*

*Halicampus ensenadae*

*Pseudeutropius atherinoides*

*Micronema cheveyi*

*Hypostomus plecostomus 2 (Armbruster 2004)*

*Synodontis cuangoana*

*Pardachirus rautheri*

*Pseudotocinclus jaquiae*

*Chirolophis snyderi*

*Rivulus holmiae*

*Thrissops regleyi*

*Leptolepides sprattiformis*

*Melanostomias spilorhynchus*

*Ichthyapus acutirostris*

*Sphyraena asotus*

*Archiaphyosemion petersi*

*Synaptura lusitanica*

*Aspistor luniscutis*

*Oligolactoria bubiki*

*Elassoma evergladi*

*Protobalistum imperialis*

*Amphichthys hildebrandi*

*Sardinella dayi*

*Doryrhamphus malus*

*Gnathagnus elongatus*

*Thrissops cephalus*

*Nelusetta ayraud*

*Rhynchocypris poljakowi*

*Aphyosemion viride*

*Glyptoperichthys lituratus*

*Phenacorhamdia tenuis*

*Megalocottus taeniopterus*

*Photostomias tantillux*

*Synodontis notata*

*Synodus amaranthus*

*Micropanchax pumilus*

*Encheliophis homei*

*Micropanchax rudolfianus*

*Notogoneus osculus*

*Rivulus rubromarginatus*

*Luisichthys vinalesensis*

*Monocentris japonica*

*Corythoichthys conspicillatus*

*Soleonasus finis*

*Aphyosemion obscurum*

*Mystus amemiyai*

*Harengula jaaguana*

*Megacheirodon unicus*

*Simpsonichthys costai*

*Fundulus notti*

*Rivulus taeniatus*

*Leptocephalus proboscideus*

*Heterandria cataractae*

*Caranx ruber*

*Ariosoma sanzoi*

*Allothrissops mesogaster*

*Rivulus cyanopterus*

*Aseraggodes smithi*

*Poecilia amazonica*

*Petrocephalus guttatus*

*Pangasius micronema*

*Trichomycterus cachiaensis*

*Rivulus kirovskyi*

*Glyptothorax horai*

*Monochirus atlanticus*

*Pseudotrematomus tokarevi*

*Chiasmodon bolangeri*

*Rivulus decoratus*

*Doumea alula*

*Rhynchocypris oxycephala*

*Rivulus kiroskyi*

*Pisodonophis semicinctus*

*Lampanyctus gemmifer*

*Trichomycterus quechuorum*

*Phenacogrammus altus*

*Clarias camerunensus*

*Microdevario kubotai*

*Opsanus tao*

*Strabozebrias cancellatus*

*Pseudotrematomus vicarius*

*Triodon antiquus*

*Ageneiosus rondoni*

*Lagocephalus cheesemanii*

*Halichoeres dimidiatus*

*Halichoeres penrosei*

*Platybelone platyura*

*Conger marginatus*

*Chrysichthys stappersii*

*Acanthopleurus trispinosus*

*Malthopsis retfera*

*Aethotaxis mitopteryx*

*Micrognathus pygmaeus*

*Rivulus egens*

*New genus (Schaefer 1991)*

*Rivulus simplicis*

*Encheliophis boraborensis*

*Paralichthys coeruleosticta*

*Rhabdoblennius rhadotrachelus*

*Thamnaconus garretti*

*Acanthopsoides graciroides (Sawada 1982)*

*Phoxinus perenurus*

*Rivulus sucubti*

*Solea triophthalma*

*Bathycongrus macrocercus*

*Cyprinodon hubbsi*

*Synaptura annularis*

*Rivulus beniensis*

*Pholidophorus bechei*

*Hara filamentosus*

*Phrynorhombus regius*

*Moclaybalistes danekrus*

*Aphyosemion microphtalmum*

*Rhynchostracion nasus*

*Aplocheilichthys loati*

*Muraenesox ferox*

*Alticus magnusi*

*Festucalex townsendi*

*Liparis niger*

*Rivulus boehlkei*

*Limia nicholsi*

*Lagocephalus guntheri*

*Xyrichtys cyanifrons*

*Tetraodon baileyi*

*Liparis meridionalis*

*Parika scaber*

*Moema ortegai*

*Orthogonikleithrus hoelli*

*Ctenopoma machadoi*

*Solea hexophthalma*

*Rivulus amanapira*

*Netuma proxima*

*Cyprinus niloticus*

*Anguilla huangi*

*Trachinotus glaucus*

*Diplomystus dentatus*

*Acanthurus sandvicensis*

*Micropoecilia parae*

*Aphyosemion bochtleri*

*Sympterichthys verrucosus*

*Rivulus villwocki*

*Nipponocypris temminckii*

*Syngnathus acusimilis*

*Oxycheilinus digrammus*

*Simpsonichthys bokermanni*

*Simpsonichthys harmonicus*

*Schilbe djemeri*

*Rivulus xinguensis*

*Rivulus karaja*

*Pseudobagrus longirostris*

*Notoscopelus kroyeri*

*Hippocampus tristis*

*Ichthyscopus inermis*

*Astyanax armandoi*

*Poeciliopsis sonoriensis*

*Thalassoma septemfasciatum*

*Aplocheilichthys pumilis*

*Careproctus entargyreus*

*Albula argentea*

*Channa striatus*

*Synodontis melanosticta*

*Chelonodon fluviatilis*

*Notropis boucardi*

*Carapus smithvillensis*

*Merodoras nheco*

*Doryrhamphus paulus*

*Lindbergichthys nudifrons*

*Doryrhamphus melanopleura*

*Parapteronotus bonaparti*

*Pachythrissops furcatus*

*Pseudobagrus virgatus*

*Choerodon caninus*

*Tylosurus melanotus*

*Clupea bentincki*

*Symphurus novemfasciatus*

*Cosmocampus coccineus*

*Monotrete ocellaris*

*Pseudocoris philippina*

*Hippocampus takakurae*

*Stemonosudis similis*

*Heptadiodon echinus*

*Synodontis multimaculata*

*Acanthaluteres brwonii*

*Hemiarius maculatus*

*Liparis barbatus*

*Orestias agassii*

*Selar crumnophthalmus*

*Notarius quadriscutis*

*Rivulus rubripunctatus*

*Soleichthys nigrostriolatus*

*Siderea pictus*

*Corydoras esperanze*

*Trichiurus nitens*

*Eotetraodon pygmaeus*

*Ostracion camurun*

*Rivulus erberi*

*Hippocampus arnei*

*Poecilia zonata*

*Muraenichthys malabonensis*

*Barbourichthys zanzibaricus*

*Acanthopleurus serratus*

*Astronesthes barbatus*

*Rivulus paresi*

*Pelteobagrus sinensis*

*Rivulus paracatuensis*

*Rivulus igneus*

*Solegnathus naso*

*Careproctus entomelas*

*Ancistrus sp (Hoffmann and Britz 2006)*

*Hemisynodontis membranaceus*

*Corythoichthys waitei*

*Antennarius dorehensis*

*Nemacheilus rupecula*

*Pterocryptis afghana*

*Ageneiosus valenciennesi*

*Aulotrachichthys fernandezianus*

*Ompok anostomus*

*Synodontis ilebrebis*

*Pseudobagrus taphraphilus*

*Synodontis aterrima*

*Oreoglanis pumatensis*

*Pachythrissops propterus*

*Leuciscus cephalus*

*Synodontis macropunctata*

*Pseudobagarius kyphus*

*Hippocampus bleekeri*

*Hippocampus kampylotrachelos*

*Eolactoria sorbinii*

*Malacosteus indicus*

*Hippocampus manadensis*

*Pictichromis caitinae*

*Festucalex amakusensis*

*Chionodraco kathleenae*

*Chilomycterus atringa*

*Mystus fortis*

*Antennarius bermudensis*

*Ophichthus altipennis*

*Balistomorphus ovalis*

*Trachyrhamphus bicoractatus*

*Antennarius sanguineus*

*Clarias dialonensis*

*Synodontis zanzibarica*

*Antennarius rosaceus*

*Balistomorphus orbiculatus*

*Tetraodon cutcutia*

*Holtbyrnia melanocephala*

*Ctenopoma oxyrhynchum*

*Pterolebias zonatus*

*Rivulus birkhahni*

*Poecilia dominicensis*

*Eubalichthys quadrispinus*

*Paratrachichthys novaezelandicus*

*Hypophthalmus longifilis*

*Notropis sallaei*

*Pelteobagrus argentivittatus*

*Peckoltia kuhlmanni*

*Ophichthus rotidoderma*

*Mystus guilio*

*Alepes melanoptra*

*Synodontis macrophthalma*

*Microphis yoshi*

*Peckoltia filicaudata*

*Hypsopanchax modestus*

*Sciades emphysetus*

*Cichlasoma facetum*

*Ariopsis guatemalensis*

*Xyrichtys twistii*

*Cottus japonicus*

*Tetraodon cambodgiensis*

*Oligobalistes robustus*

*Synodontis vermiculata*

*Encheliophis dubius*

*Phaenomonas foresti*

*Paralichthys oblongus*

*Leptobotia curta*

*Pterygoplichthys anisitsi*

*Socnopaea horai*

*Melanocetus polyactis*

*Amphilophus robertsoni*

*Kryptopterus bleekeri*

*Duopalatinus olallae*

*Blennius maoricus*

*Helicolenus hilgendorfii*

*Rivulus christinae*

*Ariosoma gnanadossi*

*Rasbora dusonensis 2 (Cavender and Coburn 1992)*

*Rivulus dapazi*

*Carpathospinosus propheticus*

*Ompok siluroides*

*Mastacembelus batesii*

*Cichlasoma atromaculatum*

*Chilomycterus schoepfi*

*Choeroichthys valencienni*

*Rita itchkeea*

*Astyanax rutilus*

*Ompok mysoricus*

*Simpsonichthys flammeus*

*Rhamdia parvus*

*Antennablennius velifer*

*Sprattus phalerica*

*Pseudoscopelus stellatus*

*Coreobagrus ichikawai*

*Synodontis dorsomaculata*

*Synodontis albolineata*

*Achiropsis nattereri*

*Prodiodon tenuispinus*

*Synodontis kogoensis*

*Cathorops festae*

*Tischlingerichthys viohli*

*Catathyridium lorentzi*

*Clupeonella tscharchalensis*

*Bathophilus novicki*

*Parapterygotrigla multiocellata*

*Thrissops subovatus*

*Brachirus breviceps*

*Liparis lindbergi*

*Thalassoma quinquevittatus*

*Notarius rugispinis*

*Heterandria jonesii*

*Poecilothrissa moeruensis*

*Nothobranchius kiyawensis*

*Aphyosemion melinoeides*

*Rivulus nudiventris*

*Tylosurus rafale*

*Nannoptopoma sternoptychum*

*Centromochlus musaica*

*Lebias fasciatus*

*Prodiodon erinaceus*

*Tetraodon abei*

*Simpsonichthys antenori*

*Parapercis naevosa*

*Lindbergichthys mizops*

*Aphyosemion margaretae*

*Pangasius tubbi*

*Nototheniops loesha*

*Ophichthus lithinus*

*Dinotopterus nyasensis*

*Doryrhamphus extensus*

*Charitosomous lineolatus*

*Heterandria anzuetoi*

*Paraliparis wildi*

*Gambusia rachovii*

*Rivulus uraenis*

*Liparis ingens*

*Hypoptopoma joberti*

*Channomuraena bennettii*

*Chauliodus slaoni*

*Rivulus cearensis*