Zootaxa 3882 (2): 001–230
www.mapress.com/zootaxa/
Copyright © 2014 Magnolia Press

Monograph

ISSN 1175-5326 (print edition)
ZOOTAXA
ISSN 1175-5334 (online edition)

http://dx.doi.org/10.11646/zootaxa.3882.1.1
http://zoobank.org/urn:lsid:zoobank.org:pub:03E154FD-F167-4667-842B-5F515A58C8DE

ZOOTAXA

3882

Family-group names of Recent fishes

RICHARD VAN DER LAAN[1,5], WILLIAM N. ESCHMEYER[2] & RONALD FRICKE[3,4]
[1]*Grasmeent 80, 1357JJ Almere, The Netherlands. E-mail: richard.vanderlaan80@gmail.com*
[2]*Curator Emeritus, California Academy of Sciences, 55 Music Concourse Drive, San Francisco, CA 94118, USA. E-mail: weschmeyer@calacademy.org*
[3]*Im Ramstal 76, 97922 Lauda-Königshofen, Germany. E-mail: ronfricke@web.de*
[4]*Staatliches Museum für Naturkunde Stuttgart, Rosenstein 1, D-70191 Stuttgart, Germany [temporarily out of office]*
[5]*Corresponding author*

Magnolia Press
Auckland, New Zealand

Accepted by L. Page: 6 Sept. 2014; published: 11 Nov. 2014
Licensed under a Creative Commons Attribution License http://creativecommons.org/licenses/by/3.0

RICHARD VAN DER LAAN, WILLIAM N. ESCHMEYER & RONALD FRICKE
Family-group names of Recent fishes
(*Zootaxa* 3882)

230 pp.; 30 cm.

11 Nov. 2014

ISBN 978-1-77557-573-3 (paperback)

ISBN 978-1-77557-574-0 (Online edition)

FIRST PUBLISHED IN 2014 BY

Magnolia Press

P.O. Box 41-383

Auckland 1346

New Zealand

e-mail: zootaxa@mapress.com

http://www.mapress.com/zootaxa/

© 2014 Magnolia Press

Table of contents

Abstract

The family-group names of animals (superfamily, family, subfamily, supertribe, tribe and subtribe) are regulated by the *International Code of Zoological Nomenclature*. Family names are particularly important because they are among the most widely used of all technical animal names. Apart from using the correct family-group name according to the Code, it is also important to use one unique universal name (with a fixed spelling) to avoid confusion. We have compiled a list of family-group names for Recent fishes, applied the rules of the Code and, if possible, tried to conserve the names in prevailing recent practice. We list all of the family-group names found to date for Recent fishes (N=2625), together with their author(s) and year of publication. This list can be used in assigning the correct family-group name to a genus or a group of genera. With this publication we contribute to the usage of correct, universal family-group names in the classification of, and for communication about, Recent fishes.

Key words: family names, subfamily names, tribal names, ICZN, Zoological Code, nomenclature, prevailing spelling, prevailing recent practice

Introduction

The goal of this publication is to contribute to the use of correct family-group names in Recent fishes. Confusion about names, inconsistent use, and incorrect spellings create problems in communication and in searches for information.

The zoological family-group names include superfamily (suffix –**oidea**), family (suffix –**idae**), subfamily (suffix –**inae**), tribe (suffix –**ini**), and subtribe (suffix –**ina**). They are regulated by the *International Code of Zoological Nomenclature* (hereafter referred to as the Code) as published by the *International Commission on Zoological Nomenclature* (ICZN). The 4th edition of the Code (in effect on 1 January 2000) provided a set of rules for the naming of animals and the resolution of nomenclatural problems.

Consistency in the use of valid family-group names is very important because they are among the most widely used of all technical names for fishes. They are used by fish systematists and frequently by scientists in related fields of biology, by naturalists, fishermen and aquarium hobbyists (van der Laan 2014). Like every scientific name, a family-group name serves as a tool for the storage and retrieval of information attached to the taxon.

Family-group names also are important in that they often are used to form English vernacular names (and adjectives) as follows:

- Tribes (*–ini*): by changing the suffix to singular *in* or plural *ins*; for example, Characini to characin fishes or characins
- Subfamilies (*–inae*): by changing the suffix to singular *ine* or plural *ines*; for example, Characinae to characine fishes or characines
- Families (*–idae*): by changing the suffix to singular *id* or plural *ids*; for example, Characidae to characid fishes or characids
- Superfamilies (*–oidea*): by changing the suffix to singular *ide* or plural *ides*; for example, Characoidea to characide fishes or characides.

As a result, an error in spelling of a family-group name extends to errors in vernacular names. Furthermore, if the names of higher-ranked taxa, specifically ordinal names (superorders, orders or suborders), are based on a

typified system (Alonso-Zarazaga 2005; Dubois 2005, 2006a, 2006b), incorrect use of a stem for family-group names will result in the incorrect formation of names in the ordinal series.

The *preamble* of the Code states: "Priority of publication is a basic principle of zoological nomenclature; however, under conditions prescribed in the Code its application may be modified to conserve a long-accepted name in its accustomed meaning." Although priority is the guiding principle in recognition of valid family-group names, disagreements may exist about the correct spelling. For example, Robins *et al.* (1991:4–5; see also Nelson 2006:xii) discussed several problems with spelling and suggested that when disagreements occur, names should be selected based on "prevailing recent practice." Wheeler (1990) had made more or less the same argument when he suggested that decisions be based on 'the consent of the learned' (Stearn 1985) and 'accepted usage'. This list of family-group names of Recent fishes is based on the principle of priority, and when disagreements on spelling occur, on prevailing use.

As Kottelat (2013:388) and many others have noted, decisions about prevailing use can be subjective. For example, Robins (1991) noted the use of both Eleotridae and Eleotrididae for sleepers. Relative to such decisions, the Code, Article 29.3.1.1, states that "If the stem so formed ends in -id, those letters may be elided before adding the family-group suffixes. If, however, the unelided form is in prevailing usage, that spelling is to be maintained, whether or not it is the original spelling." In our opinion, strict application of Article 29.3.1 leads to unnecessary changes in the spelling of some very familiar names and certainly does not lead to consensus on the spelling of family names. If we found one spelling widely used by many workers, we accepted that spelling as correct.

This list was compiled in an attempt to find all family-group names ever published for Recent fishes (a total of 2,625 names), evaluate their availability, and provide the correct spelling with author(s) and publication date. The generic classification in the *Catalog of Fishes* (Eschmeyer, 2014, http://research.calacademy.org/research/ichthyology/catalog/fishcatmain.asp) was used to list the family-group names. The 'Index to the family-group names' provides an alphabetical list of all family-group names.

History

The use of family-group names for fishes started in the beginning of the 19th century. Duméril (1805) is generally regarded as the first author to publish family-group names, and soon was followed by Rafinesque (Rafinesque 1810a, 1810b, 1815) and many others. See Gill (1889a) for notes on early 'namers' of families.

In those early publications it is sometimes difficult to distinguish the suprageneric name as a family-group name rather than a higher-level name (of the order/class-series: suborder, order, superorder, … class) because suffixes were not yet standardized (Dubois 2006b: pp. 175–179 and 206–210; Dubois & Bour 2010). Also, some early family names were in vernacular form (not latinized). At the beginning of the 19th century many plural endings were used, gradually transforming to family suffixes such as –idae (used by Bonaparte, Günther), –oidae (Agassiz, Gill) or –oidei (Bleeker), and to subfamily suffixes including –ini (Bonaparte), –inae (Gill) or –iformes (Bleeker), and finally leading to the current Code-regulated suffixes.

In addition to names published explicitly as family-group names, this list includes all names assigned to a cohors, group, Gruppe, stirps, phalanx and subgroup when they refer to a group of Recent fishes above the genus and below the level of suborder.

In 1895 an International Commission was elected by the Third International Zoology Congress at Leiden to draft some explicit rules of nomenclatural, and in 1897 the *Règles de la Nomenclature Zoologique proposées au Congrès de Cambridge* was published. In it were the first rules to regulate family names. Article 31 established the suffix –idae for the family names and the suffix –inae for subdivisions of families. The rules were gradually amended over the years (Sabrosky 1947; Temple 1962), but the *Règles internationals de la Nomenclature Zoologique* (1905) remained more or less in force until 1961, after which various rules of the Code were amended (1st edition, 1961; 2nd edition, 1963; 3rd edition, 1985; and 4th edition, 1999).

The stem of a family-group name is based on the name of its type genus (Article 29.3). However, in part because the rules have changed over the years, determination of what constitutes the correct stem has led in some cases, to changes in spelling of family-group names. Steyskal (1980) argued for consistent, grammatically correct formation of the stem but his suggestion was not followed universally, which led to confusion (Wheeler 1990). A change in the rules has removed much of the confusion. Article 29.5 states 'If a spelling of a family-group name was not formed in accordance with Article 29.3 but is in prevailing usage, that spelling is to be maintained, whether

or not it is the original spelling and whether or not its derivation from the name of the type genus is in accordance with the grammatical procedures in Articles 29.3.1 and 29.3.2.

Also, in spite of Article 23.9.1.2 of the Code, '**prevailing spelling'** is still a difficult concept in nomenclature (Dubois 2005:383–387, 411; Dubois 2010:13–14; see 'Rules for the family-group names and how we dealt with them', Articles 23.9 and 29.5). The choice of the stem sometimes has implications for the case of homonymy, Article 55.4.

The name of a family-group name can be followed by the author(s) who coined that name and the year of publication. Determining the author(s) of a family-group name can be a difficult job, sometimes involving a huge amount of literature in various languages (with the correct date of publication!), and family-group names sometimes are hidden in the text and often not marked as new. Even searches using *The Zoological Record* (including the online version) often yielded hardly any useful information.

Before 1985, it was very unusual for authors of the names of families and higher groups of teleosts to be cited in publications on Recent fishes. In contrast, in systematic paleontological publications this was often required, but there was much variation in family authors and dates. Nolf (1985), who received considerable help from Colin Patterson with research on names, is probably the first since Gill (1893b) where authorship for all teleostean families was provided. The list of Patterson (1993) is probably the only other place in modern ichthyological literature where such information was provided. Unfortunately, that list contained many errors. The list of higher-level names of catfishes by Ferraris & de Pinna (1999), the work of Huber (2005) on the killifishes, and the comments of Sheiko (2013) on our earlier versions of the list (published on the website of the California Academy of Sciences http://research.calacademy.org/ichthyology/catalog/family) are the only major publications in ichthyology on family-group names.

Methods

To determine if a family-group name and spelling are in **prevailing recent practice**, we started with the following commonly used publications: Schultz with Stern (1948), *The ways of fishes* (pp. 220–247); Myers & Storey (1956), *Curatorial practices in zoological research collections* (pp. 9–27); Bertin & Arambourg **(**1958), *Traité de Zoologie* (pp. 1977–1982); Bailey *et al.* (1960), *A list of common and scientific names of fishes from the United States and Canada* (2nd edition); Lagler, Bardach & Miller (1962), *Ichthyology* (pp. 32–48); Sterba (1962), *Freshwater fishes of the world* (pp. 29–34); Greenwood, Rosen, Weitzman & Myers (1966), *Phyletic studies of teleostean fishes, with a provisional classification of living forms* (pp. 393–403); McAllister (1968), *The classification of teleostome fishes*; Ladiges (1970a), *Grzimeks Tierleben Band IV Fische 1*; Ladiges (1970b), *Grzimeks Tierleben Band V Fische 2 und Lurche*; Atz (1971), *Dean bibliography of fishes 1968*; Gosline (1971), *Functional morphology and classification of teleostean fishes* (pp. 106–173); Lindberg (1971), *Families of the fishes of the world: a check list and a key* (pp. 48–292); Shiino (1972), *List of English names of Japanese fishes with proposition of new names*; Norman & Greenwood (1975), *A history of fishes* (3rd edition, pp. 379–395); Nelson (1976), *Fishes of the world* (1st edition); Shiino (1976), *List of common names of fishes of the world, those prevailing among English-speaking nations* (pp. i–vi); Lagler, Bardach, Miller & May Passino (1977), *Ichthyology* (2nd edition, pp. 30–50); Nelson (1984), *Fishes of the world* (2nd edition); McAllister (1990), *A list of the fishes of Canada*; Robins *et al.* (1991a), *Common and scientific names of fishes from the United States and Canada* (5th edition, pp. 1–2); Robins *et al.* (1991b), *World fishes important to North Americans exclusive of species from the continental waters of the United States and Canada* (pp. vii–viii); Nelson (1994), *Fishes of the world* (3rd edition); Berra (2001), *Freshwater fish distribution*; Nelson (2004), *Common and scientific names of fishes from the United States, Canada, and Mexico* (6th edition, pp. 1–6), and the systematic index of *The Zoological Record Section 15, 1970-1998* (vol. 87 – 134).

We gradually corrected names in the list if during the last 20 years there was a shift to another name or spelling by a considerable number of authors (although, admittedly, we did not score the family-group name in at least 25 works, published by at least 10 authors in the 50 years immediately preceding and encompassing a span of not less than 10 years; see 'Rules for family-group names and how we dealt with them,' Article 23.9.1.2). Most recently, we checked our family-group names against those in the 4th edition (2006) of Nelson's *Fishes of the world*, and the excellent study by Sheiko (2013). We did not always concur with conclusions of Nelson and Sheiko.

Rules for the family-group names and how we dealt with them

The important articles of the Code for the family-group names as applied herein are listed below. We came across so many errors in the family-group names that we found it useful to quote most articles in full (sometimes with comments inserted in brackets). We have deleted a few instances where the sections of the code were repeated elsewhere or were unnecessary (see The Code Online, http://iczn.org/iczn/index.jsp, for the entire document). In between the articles (between << >>) are explanations of how we report our findings in the family-group names list.

Article 11.6. **Publication as a synonym.** A name which when first published in an available work was treated as a junior synonym of a name then used as valid is not thereby made available.
11.6.1. However, if such a name published as a junior synonym had been treated before 1961 as an available name and either adopted as the name of a taxon or treated as a senior homonym, it is made available thereby but dates from its first publication as a synonym.
11.6.3. A name first published after 1960 and treated as a junior synonym on that occasion cannot be made available from that act under Article 11.6.

<< If a family-group name was published as a synonym and is not available, we added: **[name in synonymy; treated as available before 1961?; not available, Article 11.6.1]**. Or we added: **[published after 1960 as a junior synonym; not available, Article 11.6.3]**.>>

Article 11.7.1. **A family-group name when first published must meet all the following criteria**. It must:
11.7.1.1. be a noun in the nominative plural formed from the stem of an available generic name [Article 29, *this generic name is called the* ***type genus*** *Article 63*] (indicated either by express reference to the generic name or by inference from its stem, but for family-group names proposed after 1999 see Article 16.2); the generic name must be a name then used as valid in the new family-group taxon [Articles 63, 64] (use of the stem alone in forming the name is accepted as evidence that the author used the generic name as valid in the new family-group taxon unless there is evidence to the contrary).

<<If the family-group name is not formed from the stem of an available generic name we added the remark: **[no stem of the type genus, not available, Article 11.7.1.1]**. We only list some old atypical names.

If the family-group name is formed from the stem of a, not used as a valid, available generic name we added the remark: **[no valid type genus, not available, Article 11.7.1.1]**. This usage is sometimes difficult to find (and easily missed!) as the synonymy of the type genus is sometimes in a different part of the publication.

If the type genus is not mentioned, but the stem of an available generic name has been used in forming the name and there is no evidence of invalidity of the type genus, we added the remark: **[genus inferred from the stem, Article 11.7.1.1]**, and we treated the name as available.

If an author published a few papers mentioning the invalidity of the potential type genus before and after the publication with the new family-group name, then we determined there was evidence to the contrary (Article 11.7.1.1), and we added: **[no valid type genus, not available, Article 11.7.1.1]**. If it is evident from the publication that an author listed all of the valid genera and the type genus is not among them, then we also determined there was evidence to the contrary (Article 11.7.1.1), and we added: **[no valid type genus, not available, Article 11.7.1.1]**.

If the type genus is not mentioned and the inference is questionable, we added a question mark before the family-group name, and we treated the name as not available.>>

11.7.1.2. be clearly used as a scientific name to denote a suprageneric taxon and not merely as a plural noun or adjective referring to the members of a genus.

<<If an author used the nominative singular to denote a new family-group name (against Article 11.7.1.1), but it is otherwise very obvious that the author used the name for a suprageneric taxon (for multiple genera), we treated the name as available.

If merely a plural noun we added the remark: **(no family-group name)**. We only list those plural nouns that were referred to by some author as a potential family-group name.>>

11.7.1.3. end with a family-group name suffix except as provided in Article 11.7.2; a family-group name of which the family-group name suffix [Article 29.2] is incorrect is available with its original authorship and date, but with a corrected suffix [Articles 29, 32.5.3];
11.7.1.4. not be based on certain names applied only to fossils and ending in the suffix *–ites*, *–ytes* or *–ithes* [Article 20];
11.7.1.5. not be based on a genus-group name that has been suppressed by the Commission [Article 78].
11.7.2. If a family-group name was published before 1900, in accordance with the above provisions of this article but not in latinized form, it is available with its original author and date only if it has been latinized by later authors and has been generally accepted as valid by authors interested in the group concerned and as dating from that first publication in vernacular form.

<<If the family-group name is not proposed in a latinized form and has been latinized by later authors we added the remark: **[latinized to {family-group name} by {author year:page number [ref. {...}]}]**. If the family-group name has been generally accepted as valid by authors interested in the group concerned and as dating from that first publication in vernacular form, we added: **[considered valid with this authorship by {author year:page number [ref. {...}]} Article 11.7.2]**. If we state both provisions, then we treated the name as available.

For fishes, it is very difficult to find authors who mention the author(s)/date of family-group names. Even Sheiko (2013) could hardly find more than a few authors, and some of these authors did not even state the date! For fishes, Article 11.7.2 can be difficult and lead to different opinions. We tried to establish the most accepted author(s)/date combination.

If not treated as valid and as dating from the first publication in vernacular form, we added: **[published not in latinized form before 1900, not available, Article 11.7.2]**. We list only some early vernacular names that possibly could have been latinized by a later author, and we do not present an exhaustive list of all the vernacular family-group names.

If the family-group name is not proposed in a latinized form after 1899, we added: **[published not in latinized form after 1899, not available]**.>>

Article 12. **Names published before 1931**
12.1. Requirements. To be available, every new name published before 1931 must satisfy the provisions of Article 11 and must be accompanied by a description or a definition of the taxon that it denotes, or by an indication.
12.2. Indications. For the purposes of this article the word "indication" denotes only the following:
12.2.1. A bibliographic reference to a previously published description or definition even if the description or definition is contained in a work published before 1758, or that is not consistently binominal, or that has been suppressed by the Commission (unless the Commission has ruled that the work is to be treated as not having been published [Article 8.7]);
12.2.2. The inclusion of a name in an index to a work that is not consistently binominal, provided that the provisions of Article 11.4.3 are satisfied;
12.2.3. The proposal of a new replacement name (nomen novum) for an available name, whether or not required by any provision of the Code;
12.2.4. The formation of a family-group name from an available generic name [Article 29].
Article 13. **Names published after 1930**
13.1. Requirements. To be available, every new name published after 1930 must satisfy the provisions of Article 11 and must
13.1.1. be accompanied by a description or definition that states in words characters that are purported to differentiate the taxon, or
13.1.2. be accompanied by a bibliographic reference to such a published statement, even if the statement is contained in a work published before 1758, or in one that is not consistently binominal, or in one that has been suppressed by the Commission (unless the Commission has ruled that the work is to be treated as not having been published [Article 8.7]), or
13.1.3. be proposed expressly as a new replacement name (nomen novum) for an available name, whether required by any provision of the Code or not.
13.2. Family-group names. To be available, every new family-group name published after 1930 must satisfy the

provisions of Article 13.1 and must be formed from an available genus-group name then used as valid by the author in the family-group taxon [Articles 11.7.1.1 and 29].
13.2.1. A family-group name first published after 1930 and before 1961 which does not satisfy the provisions of Article 13.1 is available from its original publication only if it was used as valid before 2000, and also was not rejected by an author who, after 1960 and before 2000, expressly applied Article 13 of the then current editions of the Code.
13.5. Combined description of new family-group taxon and new genus. The combined description or definition of a new nominal family-group taxon and a single new nominal genus of which the name provides the basis for the new family-group name [Article 11.5] is deemed to confer availability on each name under Article 13.1.1, but for such names published after 1930 availability is not conferred on either name unless a type species is fixed for the new nominal genus [Articles 13.2 and 13.3].

<<If there is no description of the taxon, we added the remark: **[name only]**. If the family-group name was published before 1961 and if used as valid before 2000, we added **[name only, but used as valid by {author year:page number [ref. {...}]} Article 13.2.1]**, and we treated the name as **available**. If we could not find a validating usage, we added **[name only, used as valid before 2000?; not available]**.

If the family-group name was published before 1961 and has been rejected with the help of Article 13 after 1960 and before 2000, we added **[name only, rejected by {author year:page number [ref. {...}]} with the help of Article 13; not available]**. If the family-group name was published after 1960, we added **[name only, published after 1960, not available, Article 13.1.1]**.>>

Article 16. **Names published after 1999**
16.1. All names: intention of authors to establish new nominal taxa to be explicit. Every new name published after 1999, including new replacement names (nomina nova), must be explicitly indicated as intentionally new.
16.2. Family-group names: type genus to be cited. In addition to satisfying the provisions of Articles 13–15, a new family-group name published after 1999 must be accompanied by citation of the name of the type genus (i.e. the name from which the family-group name is formed).

<<If a family-group name proposed after 1999 does not satisfy the provisions of Articles 13–16, we added the remark: **[not published according to the rules, not available]**. In most cases the publication lacks an exact description or definition that states ***in words*** characters that are purported to differentiate the taxon or the indication "**new**" is absent.>>

Article 23. **Principle of Priority**
23.1. Statement of the Principle of Priority. The valid name of a taxon is the oldest available name applied to it, unless that name has been invalidated or another name is given precedence by any provision of the Code or by any ruling of the Commission. For this reason priority applies to the validity of synonyms [Article 23.3], to the relative precedence of homonyms [Articles 53–60], the correctness or otherwise of spellings [Articles 24, 32], and to the validity of nomenclatural acts (such as acts taken under the Principle of the First Reviser [Article 24.2] and the fixation of name-bearing types [Articles 68, 69, 74.1.3, 75.4]).
23.1.1. For exceptions for certain family-group names see Articles 35.5 and 40.
23.1.2. For the case of disused family-group names which are homonyms see Article 55.3.1.1.
23.2. **Purpose**. In accordance with the objects of the Code (see Preamble), the Principle of Priority is to be used to promote stability and it is not intended to be used to upset a long-accepted name in its accustomed meaning by the introduction of a name that is its senior synonym or homonym (for certain such cases see Article 23.9), or through an action taken following the discovery of a prior and hitherto unrecognized nomenclatural act (such as a prior type fixation; for such cases see Articles 70.2 and 75.6).
23.3.1. **Priority** of the name of a nominal taxon is not affected by elevation or reduction in rank of the taxon within the family group, genus group or species group [Articles 36, 43, 46], nor by any mandatory change in suffix of a family-group name consequent upon change in rank [Article 34].
23.9. **Reversal of precedence**. In accordance with the purpose of the Principle of Priority [Article 23.2], its application is moderated as follows:

23.9.1. prevailing usage must be maintained when the following conditions are both met:
23.9.1.1. the senior synonym or homonym has not been used as a valid name after 1899, and
23.9.1.2. the junior synonym or homonym has been used for a particular taxon, as its presumed valid name, in at least 25 works, published by at least 10 authors in the immediately preceding 50 years and encompassing a span of not less than 10 years.

<<Use of Article 23.9.1.1 is straightforward, but Article 23.9.1.2 presents some problems with family-group names that appear rarely in publications. If we have evidence that the name of a family-group taxon is a long-accepted name in its accustomed meaning, we added **Name in prevailing recent practice** behind the family-group name regardless of whether it met the criteria of "25 works, published by at least 10 authors in the immediately preceding 50 years and encompassing a span of not less than 10 years".>>

23.9.2. An author who discovers that both the conditions of 23.9.1 are met should cite the two names together and state explicitly that the younger name is valid, and that the action is taken in accordance with this article; at the same time the author must give evidence that the conditions of Article 23.9.1.2 are met, and also state that, to his or her knowledge, the condition in Article 23.9.1.1 applies. From the date of publication of that act the younger name has precedence over the older name. When cited, the younger but valid name may be qualified by the term '**nomen protectum**' and the invalid, but older, name by the term ´**nomen oblitum**'. In the case of subjective synonymy, whenever the names are not regarded as synonyms the older name may be used as valid.
23.9.3. If the conditions of 23.9.1 are not met but nevertheless an author considers that the use of the older synonym or homonym would threaten stability or universality or cause confusion, and so wishes to maintain use of the younger synonym or homonym, he or she must refer the matter to the Commission for a ruling under the plenary power [Article 81]. While the case is under consideration use of the junior name is to be maintained [Article 82].
23.9.4. If the case is one of homonymy in family-group names resulting from similarity but not identity in the names of type-genera, see Article 55.3.
Article 24. **Precedence between simultaneously published names, spellings or acts**
24.1. Automatic determination of precedence of names. When homonyms or synonyms are established simultaneously, but proposed at different ranks, in the family group, genus group or species group the name proposed at higher rank takes precedence [Articles 55.5, 56.3 and 57.7].
Article 29. **Family-group names**
29.1. Formation of family-group names. A family-group name is formed by adding to the stem of the name [Article 29.3] of the type genus, or to the entire name of the type genus [see Article 29.6], a suffix as specified in Article 29.2.
29.2. Suffixes for family-group names. The suffix –OIDEA is used for a superfamily name, –IDEA for a family name, –INAE for a subfamily name, –INI for the name of a tribe, and –INA for the name of a subtribe. These suffixes must not be used at other family-group ranks. The suffixes of names for taxa at other ranks in the family-group are not regulated.
29.2.1. Names in the genus and species groups which have endings identical with those of the suffixes of family-group names are not affected by this article.
29.3. Determination of stem in names of type genera. The stem of a family-group name is based on the name of its type genus [Article 63] and determined as follows.
29.3.1. If a generic name is or ends in a Greek or Latin word, or ends in a Greek or Latin suffix, the stem for the purposes of the Code is found by deleting the case ending of the appropriate genitive singular.
29.3.1.1. If the stem so formed ends in –id, those letters may be elided before adding the family-group suffixes. If, however, the unelided form is in prevailing usage, that spelling is to be maintained, whether or not it is the original spelling.
29.3.2. If the name of a genus is or ends in a Greek word latinized with a change in ending, the stem is that appropriate to the latinized form, as determined in Article 29.3.1.
29.3.3. If a generic name is or ends in a word not Greek or Latin, or is an arbitrary combination of letters, the stem for the purposes of the Code is that adopted by the author who establishes the new family-group taxon, either the entire generic name (see Article 29.6), or the entire generic name with the ending elided, or the entire generic

name with one or more appropriate linking letters incorporated in order to form a more euphonious family-group name.

<<The **stem** of the type genus is not the correct grammatical stem, but is the genitive without its case-ending. See Steyskal (1980) for some guidance in forming the stem. Also the extract from the 3rd edition of the Code on the ICZN website (http://iczn.org/content/formation-names; accessed 1 April 2014) can be of some help. Sheiko (2013) also lists many stems.

We added **[changed to ... by {author year:page number [ref. {...}]}]** to present a different spelling by an author (changed by mistake or insight or dislike?), or **[corrected to ... by {author year:page number [ref. {...}]}]** to present a possibly intentional different spelling by an author [a bit arbitrarily], or **[emended to ... by {author year:page number [ref. {...}]}]** in the strict sense of Article 33.2.1 of the Code; *i.e.* an explicit statement of intentional change of spelling with citation of **both** spellings. We tried to establish the stem in prevailing recent practice.

As nomenclature is based on the examination of individual cases, one cannot extend a certain stem to all such generic name endings (for instance, although the correct stem of a type genus ending in *–ichthys* is –ichthy-, a different stem can be found in the accepted family-names).>>

29.4. Acceptance of originally formed stem. If after 1999 a new family-group name is based on a generic name which is or ends in a Greek or Latin word or ends in a Greek or Latin suffix, but its derivation does not follow the grammatical procedures of Articles 29.3.1 or 29.3.2, its original spelling must be maintained as the correct original spelling, provided
29.4.1. it has a correctly formed suffix [Article 29.2], and
29.4.2. its stem is formed from the name of the type genus as though it were an arbitrary combination of letters [Article 29.3.3].
29.5. **Maintenance of current spellings**. If a spelling of a family-group name was not formed in accordance with Article 29.3 but is in prevailing usage, that spelling is to be maintained, whether or not it is the original spelling and whether or not its derivation from the name of the type genus is in accordance with the grammatical procedures in Articles 29.3.1 and 29.3.2.

<<The central issue of Articles 29.3 and 29.5 is whether the emendation of a family-group name is justified. Today a growing number of zoologists (perhaps a majority) is against changing the originally proposed stem. Article 29.5 shifts the balance between the two principles of zoological nomenclature: original intent/linguistic correction vs. stability, towards stability. We applied Article 29.5 with our working principle of **prevailing recent practice**.>>

29.6. Avoidance of homonymy in family-group names. An author wishing to establish a new family-group name must avoid its homonymy with any known previously established names by forming an appropriate stem from the name of the type genus. (See Article 55.3.1 for the elimination of homonymy between existing family-group names).
Article 32. **Original spellings**
32.5.3. A family-group name is an incorrect original spelling and must be corrected if it
32.5.3.1. has an incorrectly formed suffix [Article 29.2], or
32.5.3.2. is formed from an unjustified emendation of a generic name (unless the unjustified emendation has become a substitute name), or
32.5.3.3. is formed from an incorrect subsequent spelling of a generic name [Article 35.4.1], or
32.5.3.4. is formed from one of two or more original spellings of a genus-group name which was not that selected by the First Reviser [Article 24.2.3].

<<We placed the correction of an obvious spelling error in the family-group name in brackets immediately after the name; e.g., Amiurina [Ameiurina] Günther 1864:98 [ref. 1974] (subgroup?) *Ameiurus*.

If an incorrect spelling of the type genus was used, we added after the type genus the remark: **[as {*used incorrect spelling of the type genus*}, name must be corrected Article 32.5.3]**; e.g., *Malthe* [as *Malthaea*, name must be corrected Article 32.5.3] or *Cheimarrichthys* [as *Chimarrichthys*, name must be corrected Article 32.5.3].>>
Article 34. **Mandatory changes in spelling consequent upon changes in rank or combination**

34.1. Family-group names. The suffix of a family-group name must be changed when the taxon denoted by the name is raised or lowered in rank; the author and date of the name remain unchanged [Articles 23.3.1, 29.2, 50.3.1].

Article 35. **The family group**

35.1. Definition. The family group encompasses all nominal taxa at the ranks of superfamily, family, subfamily, tribe, subtribe, and any other rank below superfamily and above genus that may be desired (see also Article 10.3 for collective groups and ichnotaxa).

<<Most early English and American writers used the family-group name **group** (and **subgroup**) for a grouping of some genera (equivalent to the currently used term **tribe**/**subtribe**). Also the word **Gruppe** of early German writers is more or less equivalent to the currently used term **tribe**. In his early years, Bleeker used for ranks below subfamily the words **cohors** and **stirps**, later **stirps** and **phalanx** and at the end of his impressive career **phalanx** and **subphalanx**. He translated the last two categories as groupe and sous-groupe (in Dutch, groep and ondergroep), so we treated those ranks as more or less equivalent to the currently used terms **tribe** and **subtribe**.

We listed the family-group names of a cohors, group, Gruppe, stirps, phalanx and subgroup when they were used for grouping genera below the family. We also treated, as done by other authors, the rank **Ordine** of Rafinesque (1810a, 1810b) as a (not latinized) family-group name. But we treated the ranks **Familie** of Fitzinger (1832), **Tribe** of Swainson (1838, 1839) and McClelland (1844), **Section** of Gray (1851) and **Tribus** of Jarocki (1822) and Bleeker (1859d) as names of the **order/class-series**. We did not list these non-regulated higher rank names of the order/class-series (see Dubois 2006c:835 for a proposal for an extended family-series).>>

35.2. Provisions applicable to all family-group nominal taxa and their names. Family-group nominal taxa and their names are subject to the same provisions whatever their rank, except in respect of their suffixes [Article 29.2] (for the application of the Principle of Coordination to family-group names, see Article 36).

35.3. Application of family-group names. The application of each family-group name is determined by reference to the type genus of the nominal taxon [Articles 61 to 65].

35.4. Formation and treatment of family-group names. A family-group name is to be formed and treated in accordance with Article 11.7 and the relevant provisions of Articles 25 to 34.

35.4.1. A family-group name based upon an unjustified emendation (but see Article 35.4.2) or an incorrect spelling of the name of the type genus must be corrected, unless it is preserved under Article 29.5 or unless the spelling of the genus-group name used to form the family-group name is preserved under Articles 33.2.3.1 or 33.3.1.

35.4.2. If an unjustified emendation of the name of the type genus becomes its substitute name, the family-group name is then to be based on it by correcting the name to the spelling formed from the stem of the substitute name, or the whole substitute name [Article 29.1]; the author and date of the family-group name remain unchanged.

35.5. Precedence for names in use at higher rank. If after 1999 when a name in use for a family-group taxon (e.g. for a subfamily) is found to be older than a name in prevailing usage for a taxon at higher rank in the same family-group taxon (e.g. for the family within which the older name is the name of a subfamily) the older name does not displace the younger name.

<<If we found an older subfamily name, we added after the family name: **Name in prevailing recent practice, Article 35.5**. If we found an older family name and if we have evidence that the current family name (or the current spelling) is in prevailing recent practice, we added **Name (or spelling) in prevailing recent practice**.

We checked the family-group names against Nelson (2006) and recent literature. If we used the same name and spelling we added **Name in prevailing recent practice**, or if we used the same spelling we added **Spelling in prevailing recent practice** where appropriate, or we used both phrases. The few differences with respect to Nelson (2006) are given in Table 1 and noted in the list.>>

TABLE 1. Differences between the spelling of family-group names used herein and those in Nelson (2006).

Family-group name in our list	Family-group name in Nelson (2006) (page number)	Remark
Alestidae	Alestiidae (155)	Nelson also used Alestioidea and cited Alestidae, the reason of this deliberate change of stem to Alesti- not explained.
Synanceiinae	Synanceinae (323)	Stem Synancei- is correct.
Plectrogeniinae	Plectrogeninae (325)	Stem Plectrogeni- is correct.
Centrogenyidae	Centrogeniidae (347)	Stem Centrogeny- is correct.
Paradicichthyinae	Paradichthyinae (366)	Stem Paradicichthy- is correct.
Plectorhinchinae	Plectorhynchinae (369)	Stem Plectorhinch- is correct.
Eleginopsidae	Eleginopidae (401)	Difference in assumed prevailing usage?

Article 36. **Principle of Coordination**

36.1. Statement of the Principle of Coordination applied to family-group names. A name established for a taxon at any rank in the family group is deemed to have been simultaneously established for nominal taxa at all other ranks in the family group; all these taxa have the same type genus, and their names are formed from the stem of the name of the type genus [Article 29.3] with appropriate change of suffix [Article 34.1]. The name has the same authorship and date at every rank.

36.2. Type genus. When a nominal taxon is raised or lowered in rank in the family group its type genus remains the same [Article 61.2.2].

Article 37. **Nominotypical taxa**

37.1. Definition. When a family-group taxon is subdivided, the subordinate taxon that contains the type genus of the superior taxon is denoted by the same name (except for suffix) with the same author and date [Article 36.1]; this subordinate taxon is termed the "nominotypical taxon".

37.2. Effect of change of name on nominotypical taxa. If the name in use for a family-group taxon is unavailable or invalid it must be replaced by the name valid under Article 23.3.5; any subordinate taxa containing the type genus of the substitute nominal taxon (and therefore denoted by the valid family-group name, with appropriate suffixes) become nominotypical taxa.

Article 39. **Invalidity due to homonymy or suppression of the name of the type genus**

The name of a family-group taxon is invalid if the name of its type genus is a junior homonym or has been totally or partially suppressed (see Articles 81.2.1 and 81.2.2) by the Commission. If that family-group name is in use it must be replaced either by the next oldest available name from among its synonyms [Article 23.3.5], including the names of its subordinate family-group taxa, or, if there is no such synonym, by a new name based on the valid name (whether a synonym or a new replacement name (*nomen novum*)) of the former type genus.

<<If a family-group taxon is based on a junior homonym or on a suppressed generic name, we added the remark [**invalid, Article 39**].>>

Article 40. **Synonymy of the type genus**

40.1. Validity of family-group names not affected. When the name of a type genus of a nominal family-group taxon is considered to be a junior synonym of the name of another nominal genus, the family-group name is not to be replaced on that account alone.

40.2. Names replaced before 1961. If, however, a family-group name was replaced before 1961 because of the synonymy of the type genus, the substitute name is to be maintained if it is in prevailing usage.

40.2.1. A name maintained by virtue of this article retains its own author but takes the priority of the replaced name, of which it is deemed to be the senior synonym.

Recommendation 40A. Citation of author and date. If the author and date are cited, a family-group name

maintained under the provisions of Article 40.2.1 should be cited with its original author and date (see Recommendation 22A.2.2), followed by the date of its priority as determined by this article; the date of priority should be enclosed in parentheses.

<<The changing of the rules over the century (particularly if the type genus was found to be a junior synonym) was responsible for many new family-group names. Some came into prevailing practice, others disappeared. If we have evidence that a name replaced before 1961 is in prevailing practice, we added **({date of priority}) Name in prevailing recent practice, Article 40.2**.>>

Article 53. **Definitions of homonymy in the family group, genus group and species group**
53.1. Homonyms in the family group. In the family group, two or more available names having the same spelling or differing only in suffix [Article 29.2] and denoting different nominal taxa are homonyms.
Article 55. **Homonymy in family-group names**
55.1. Application of the Principle of Homonymy. The Principle of Homonymy applies to all family-group names, including names of ichnotaxa at the family-group level.
55.2. Homonymy from identical generic names. See Article 39.
55.3. Homonymy from similar generic names. Homonymy between family-group names may result from similarity but not identity of the names of their type genera.
55.3.1. Such a case involving family-group names must be referred to the Commission for a ruling to remove homonymy unless the senior homonym is a *nomen oblitum*.
55.3.1.1. When the senior homonym is determined to be a *nomen oblitum* under the conditions of Article 23.9.2, a new family-group name (a *nomen novum*) based on the same type genus may be proposed, but choosing a new stem from the name of the type genus which avoids the homonymy [Articles 29.1, 29.4 and 29.6].
55.4. One-letter difference. Even if the difference between two family-group names is only one letter, they are not homonyms.
55.5. Precedence of names at higher rank. Of two homonymous family-group names of identical date but established at different ranks, the one established at the higher rank is deemed to be the senior homonym [Article 24.1].

<<We note cases of homonymy: **[preoccupied by {family-group name} in {…}, invalid, Article 55.3]**.>>

Article 61.3. **Name-bearing types and synonymy**
61.3.2. If two or more objectively synonymous generic names have been used as the basis for names in the family group, the family-group names are objective synonyms.

<< If two objectively synonymous generic names have been used as the basis for family names, we added: **[junior objective synonym of {family-group name author year}, invalid, Article 61.3.2]** or **[senior objective synonym of {family-group name author year}]**.>>

How to use the family-group names list

A worker wishing to create a new family-group name can use this list of family-group names in the following way:

1. First determine the desired level, such as subtribe, tribe, subfamily or family.
2. Check to see if any of the genera (and their synonyms) to be included in the new taxon are in the family-group names list.
3. If none is in the list, then a new name can be proposed according to the Code.
4. If one genus to be included in the new taxon is in the list of family-group names, check the original reference and transfer the name to the desired rank with the correct suffix. Do not change the stem of the family-group name.If two or more genera to be included in the new taxon are in the list of family-group names, check the original references, take the oldest name (to satisfy the rule of priority) and transfer the name to the desired rank with the correct suffix.

6. Check if the stem to be used has been used in a family-group name for any animal, not only fishes, to avoid homonymy. This can be done efficiently by searching for the stem on Google.

A family-group name is available if there is a positive answer to all the following questions: Is the publication available? → Is the family-group name latinized, plural and not in a synonymy? → Has the stem of a *valid* type genus been used? → Is there a differentiating description? [1930 – now] → Is the family-group name indicated as new and is the type genus cited? [2000 – now].

If a worker wants to divide a family or subfamily into a number of subfamilies or tribes, one subfamily or tribe will be the *nominotypical* one, and it will retain the author and date of the family or subfamily (Article 36.1). One needs to search for available family-group names based on all genera and synonyms in the remaining subfamilies or tribes. Then the oldest available name must be used for each subfamily/tribe. If there is no available name, then a new name is warranted.

We have listed every spelling of the stem of a family-group name that we could find (to avoid repetition with the various suffixes), so electronically searching the family-group names list with the stem should lead to a result. The list can also be used to illustrate the way in which different authors dealt with the problem of determining the stem of family-group names.

Family-group names list

We present the family-group names of Recent fishes in the classification as used in the **Catalog of Fishes** (http://research.calacademy.org/ichthyology/catalog/classification; accessed 19 July 2014), and the family-group names are listed according to decreasing priority. All reference numbers [ref. {number}] refer to the references in the Catalog of Fishes, available at: http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/research/Ichthyology/catalog/fishcatmain.asp. They can be consulted online for the latest dating information, correction or hyperlink to the article. Information on type genera also is from the Catalog of Fishes (accessed 17 April 2014).

We are quite confident we have almost all of the available family-group names ever proposed for Recent fishes; however, we are somewhat less sure about having traced the earliest author/date combination for certain names. Also all cases of homonymy with names outside fishes may not have been found. We could not find a valid description for the following family-group names currently in use in the classification of the Catalog of Fishes: Rivulidae (preoccupied), Cyttopsinae, Lateolabracidae and Hapalogenyidae.

Class Myxini

Order Myxiniformes

Family Myxinidae Rafinesque 1815

Subfamily Myxininae Rafinesque 1815

Missinidi Rafinesque 1810b:49 [ref. 3595] (ordine) ? *Myxine* [published not in latinized form before 1900; not available, Article 11.7.2]

Myxinia Rafinesque 1815:94 [ref. 3584] (subfamily) *Myxine* [stem Myxin- confirmed by Gray 1851:147 [ref. 4939] and by Günther 1870:510 [ref. 1995]]

Diporobranchia Latreille 1825:112 [ref. 31889] (family) '*Gastrobranche'* [no stem of the type genus, not available, Article 11.7.1.1]

Gastrobranchini Bonaparte 1831:165, 189 [ref. 4978] (subfamily) *Gastrobranchus*

Subfamily Eptatretinae Bonaparte 1850

Heptatremini Bonaparte 1850b [ref. 32551] (subfamily) *Eptatretus* [*Heptatrema* / *Heptatremus* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Eptatret- by Gill 1901:738 [ref. 9562] and by Jordan & Snyder 1901b:728 [ref. 9568], confirmed by Jordan 1923a:82 [ref. 2421], by Kamohara 1967:1 and by Sato in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:1 [ref. 6441]; family name sometimes seen as Heptotremidae or Heptatretidae]

Bdellostomidae Gill 1872:25 [ref. 26254] (family) *Bdellostoma* [corrected to Bdellostomatidae by Jordan &

Gilbert 1883:967 [ref. 2476]]
Homeidae Garman 1899:348 [ref. 1540] (family) *Homea*
Paramyxinidae Berg 1940:[24] [ref. 5049] (family) *Paramyxine*
Dodecatrematinae Fowler 1947:3 [ref. 1458] (subfamily) *Dodecatrema*
Quadratinae Wisner 1999:309 [ref. 24160] (subfamily) *Quadratus*
Rubicundinae Fernholm *et al.* 2013:7 [ref. 32793] (subfamily) *Rubicundus*

Class Petromyzonti

Order Petromyzontiformes

Family Petromyzontidae Bonaparte 1831
Cyclostomes Duméril 1805:100 [ref. 1151] (family) ? *Petromyzon* [latinized to Cyclostomia by Rafinesque 1815:94 [ref. 3584]; latinized to Cyclostomata by Goldfuss 1820:X, 106 [ref. 1829], by Schinz 1822:204 [ref. 3926] and by Richardson 1836:292 [ref. 3731]; latinized to Cyclostomi by Jarocki 1822:426, 458 [ref. 4984] and by Eichwald 1831:57 [ref. 5562]; no stem of the type genus, not available, Article 11Article 11.7.1.1]
Lampredini Rafinesque 1810b:49 [ref. 3595] (ordine) "*Lampreda*" [published not in latinized form before 1900; not available, Article 11.7.2]
Suceurs Cuvier 1816:116 [ref. 993] (family) *Petromyzon* [latinized to Suctorii; no stem of the type genus, not available, Article 11.7.1.1]
Auloedibranchia Latreille 1825:111 [ref. 31889] (family) *Petromyzon* [no stem of the type genus, not available, Article 11.7.1.1]
Les Pétromyzides Risso 1827:99 [ref. 3757] (family) *Petromyzon* [published not in latinized form before 1900; not available, Article 11.7.2]
Petromyzonidae Bonaparte 1831:165, 189 [ref. 4978] (family) *Petromyzon* [stem corrected to Petromyzont- by Owen 1846:48 [ref. 32214], confirmed by Girard 1858:376 [ref. 4911], by Günther 1870:499 [ref. 1995], by Steyskal 1980:173 [ref. 14191] and in ICZN Opinion 1171; family name sometimes seen as Petromyzidae or Petromysonidae]
Ammocaetini Bonaparte 1846:9, 92 [ref. 519] (subfamily) *Ammocoetus* [as *Ammocaetes*, name must be corrected Article 32.5.3; corrected to Ammocoetina by Gray 1853:253 [ref. 1886]; stem changed to Ammocoete- by Bleeker 1859d:XXXIII [ref. 371]]
Lampetrinae Fowler 1958b:1 [ref. 1470] (subfamily) *Lampetra*
Entospheninae Vladykov 1972:148 [ref. 33046] (subfamily) *Entosphenus*
Family Geotriidae Gill 1893
Geotrinae Gill 1893b:129 [ref. 26255] (subfamily) *Geotria* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Geotri- by Whitley 1932c:261 [ref. 17971], confirmed by Myers & Storey 1956:16 [ref. 32831], by Nelson 1976:22 [ref. 32838], by Nelson 2006:26 [ref. 32486] and by Renaud 2011:16 [ref. 31770]]
Family Mordaciidae Gill 1893 Name in prevailing recent practice, Article 35.5
Caragolinae Gill 1883b:524 [ref. 4941] (subfamily) *Caragola* [family-group name used as valid after 1899, *e. g.* by Fowler 1964:33 [ref. 7160]]
Mordaciidae Gill 1893b:129 [ref. 26255] (family) *Mordacia* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Fontaine 1958, Hubbs & Potter 1971 [ref. 13397], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Bailey 1980 [ref. 5253], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Allen, Midgley & Allen 2002 [ref. 25930], Nelson 2006 [ref. 32486], Renaud 2011 [ref. 31770]]

Class Elasmobranchii

Order Hexanchiformes

Family Hexanchidae Gray 1851 Name in prevailing recent practice, Article 35.5
Notidanini Bonaparte 1835:[3] [ref. 32242] (subfamily) *Notidanus* [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Hexanchina Gray 1851]
Hexanchina Gray 1851:67 [ref. 4939] (tribe) *Hexanchus* [junior objective synonym of Notidanini

Bonaparte 1835, but Hexanchidae in prevailing recent practice; Hexanchidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Springer 1990a [ref. 19315], Robins *et al.* 1991a [ref. 14237], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Last & Stevens 2009, Ebert, White & Ho 2013 [ref. 33032]]

Hexeptranchidae Garman 1913:11, 15 [ref. 1545] (family) ? [no stem of the type genus, not available, Article 11.7.1.1]

Heptranchidae Barnard 1925:20 [ref. 192] (family) *Heptranchias* [stem corrected to Heptranchi- by McCulloch 1929–30:3 [ref. 2948], confirmed by Fowler 1936a:25 [ref. 6545], by Fowler 1947:8 [ref. 1458] and by Nelson 2006:65 [ref. 32486]; family name sometimes seen as Heptanchidae]

Notorynchidae Ellis 1989:46 [ref. 32830] (family) *Notorynchus* [name only, published after 1960, not available, Article 13.1.1]

Notorynchidae Shirai in Stiassny, Parenti & Johnson 1996:26, 33 [ref. 23450] (family) *Notorynchus*

Family Chlamydoselachidae Garman 1884

Chlamydoselachidae Garman 1884:52 [ref. 1531] (family) *Chlamydoselachus*

Order Heterodontiformes

Family Heterodontidae Gray 1851 Name in prevailing recent practice, Article 35.5

Cestraciontini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Cestracion* Bosc [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Heterodontina Gray 1851; family name sometimes seen as Cestraciondontidae]

Heterodontina Gray 1851:65 [ref. 4939] (tribe) *Heterodontus* [junior objective synonym of Cestraciontini Bonaparte 1835, but Heterodontidae in prevailing recent practice; Heterodontidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Kamohara 1967, Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Compagno 2001 [ref. 26323], Nelson *et al.* 2004 [ref. 27807], Baldwin 2005 [ref. 28237], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Last & Stevens 2009; family name sometimes seen as Heterondontidae]

Centraciontidae Garman 1913:13, 180 [ref. 1545] (family) *Centracion*

Order Orectolobiformes

Family Rhincodontidae Müller & Henle 1841 [ICZN Opinion 1278]

Rhinodontes Müller & Henle 1838–41:77 [ref. 3069] (family) *Rhincodon* [as *Rhinodon*, name must be corrected Article 32.5.3; on Official List of Family-Group Names in Zoology as Rhincodontidae Müller & Henle 1841, ICZN Opinion 1278; family name sometimes seen as Rhinodontidae, Rhiniodontidae or Rhineodontidae]

Family Parascylliidae Gill 1862

Parascylliinae Gill 1862p:408 [ref. 1783] (subfamily) *Parascyllium* [family name sometimes seen as Parascyllidae]

Cirrhoscylliidae Applegate 1974:749 [ref. 31930] (family) *Cirrhoscyllium*

Family Brachaeluridae Applegate 1974

Brachaeluridae Compagno 1973b:28 [ref. 31929] (family) *Brachaelurus* [name only, published after 1960, not available, Article 13.1.1]

Brachaeluridae Applegate 1974:745 [ref. 31930] (family) *Brachaelurus*

Family Orectolobidae Gill 1896 Name in prevailing recent practice, Article 35.5

Crossorhinae Swainson 1838:159 [ref. 4302] (subfamily) *Crossorhinus* [also Swainson 1839:192, 318 [ref. 4303]; corrected to Crossorhinidae by Gill 1872:24 [ref. 26254]; senior objective synonym of

Orectolobidae Gill 1896]

Orectolobidae Gill 1896a:212 [ref. 12504] (family) *Orectolobus* [junior objective synonym of Crossorhinae Swainson 1838, but Orectolobidae in prevailing recent practice; Orectolobidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Böhlke & Chaplin 1993, Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Compagno 2001 [ref. 26323], Hoese *et al.* 2006, Huveneers 2006 [ref. 28782], Nelson 2006 [ref. 32486], Last & Chidlow 2008 [ref. 29433], Last & Stevens 2009, Allen & Erdmann 2012 [ref. 31980]]

Family Hemiscylliidae Gill 1862

Hemiscylliinae Gill 1862p:407, 408 [ref. 1783] (subfamily) *Hemiscyllium* [Gill 1893b:130 [ref. 26255] selected Hemiscylliinae over Chiloscylliinae]

Chiloscylliinae Gill 1862p:407, 408 [ref. 1783] (subfamily) *Chiloscyllium*

Family Stegostomatidae Gill 1862

Stegostomatinae Gill 1862p:407, 408 [ref. 1783] (subfamily) *Stegostoma* [stem changed to Stegostom- by Gill 1893b:130 [ref. 26255], confirmed by Fowler 1941a:67 [ref. 6536]; family name sometimes seen as Stegastomatidae]

Family Ginglymostomatidae Gill 1862

Ginglymostomatoidae Gill 1862p:393, 406 [ref. 1783] (family) *Ginglymostoma* [changed to Ginglymostomidae by Gill 1893b:130 [ref. 26255], confirmed by Jordan 1923a:98 [ref. 2421]; original stem Ginglymostomat- confirmed by Whitley 1940a:68 [ref. 4700], Nelson 1994:46 [ref 26204] and by Compagno 2001:188 [ref. 26323]]

Nebriinae Fowler 1934a:238 [ref. 1416] (subfamily) *Nebrius* [preoccupied by Nebriini in Coleoptera, invalid, Article 55.3]

Nebrodinae Fowler 1934b:163 [ref. 32669] (subfamily) *Nebrodes* [junior objective synonym of Nebriinae]

Order Lamniformes

Family Odontaspididae Müller & Henle 1839 [ICZN Opinion 723]

Squalini Rafinesque 1810a:10 [ref. 3594] (ordine) ? *Carcharias* Rafinesque [published not in latinized form before 1900; not available, Article 11.7.2]

Antacea Rafinesque 1815:93 [ref. 3584] (subfamily) ? *Carcharias* Rafinesque [no stem of the type genus, not available, Article 11.7.1.1]

Odontaspidini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Odontaspis* [genus inferred from the stem, Article 11.7.1.1; as Odontaspididae Müller & Henle 1839 on Official List ICZN Opinion 723; stem sometimes seen as Odontasp-]

Triglochidini Bonaparte 1837:[5] [ref. 32243] (subfamily) *Triglochis* Müller & Henle [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39, ICZN Opinion 723]

Carchariae Müller & Henle 1838–41:XV, 27 [ref. 3069] (family) *Carcharias* Rafinesque [stem Carchari- confirmed by Bleeker 1859d:XI [ref. 371] and by Günther 1870:357 [ref. 1995]; on Official Index of Rejected and Invalid Generic Names in Zoology ICZN Opinion 723, but family name not invalid, see ICZN Opinion 1459 on Carchariidae; family name sometimes seen as Carcharidae]

Eugomphodidae Applegate, Espinosa, Menchaca & Sotelo 1979:130 [ref. 32832] (family) *Eugomphodus* [family name sometimes seen as Eugonphodidae]

Family Mitsukurinidae Jordan 1898

Mitsukurinidae Jordan 1898:201 [ref. 2396] (family) *Mitsukurina*

Scapanorhynchidae White 1936a:4 [ref. 31933] (family) †*Scapanorhynchus* [currently a fossil genus]

Family Pseudocarchariidae Taylor, Compagno & Struhsaker 1983

Pseudocarchariidae Compagno 1973b:28 [ref. 31929] (family) *Pseudocarcharias* [name only, published after 1960, not available, Article 13.1.1]

Pseudocarchariidae Taylor, Compagno & Struhsaker 1983:94 [ref. 5428] (family) *Pseudocarcharias* [family name sometimes seen as Pseudocarcharinidae]

Family Lamnidae Bonaparte 1835

Lamnini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Lamna* [genus inferred from the stem, Article 11.7.1.1]

Isurina Gray 1851:58 [ref. 4939] (tribe) *Isurus*

Carcharodontinae Gill 1893b:130 [ref. 26255] (subfamily) *Carcharodon* [genus inferred from the stem, Article 11.7.1.1]

Lamiostomatidae Glückman 1964:11, 105 [ref. 1824] (family) *Lamiostoma* [also as subfamily Lamiostomatinae; name of the author also seen as Glickman or Glikman]

Family Megachasmidae Taylor, Compagno & Struhsaker 1983

Megouridae "Randall *et al*." [Ellis & McCosker] 1980 (family) "*Megoura*" [a prank article, not available; family name sometimes seen as Megourididae]

Megachasmidae Taylor, Compagno & Struhsaker 1983:89 [ref. 5428] (family) *Megachasma*

Family Cetorhinidae Gill 1861 Name in prevailing recent practice

Selachii Richardson 1836:287 [ref. 3731] (family) *Selache* [stem Selach- confirmed by Günther 1870:394 [ref. 1995] and by Carus 1893:507 [ref. 17975]; senior objective synonym of Cetorhininae Gill 1861, but later only used as name in the ordinal series]

Cetorhininae Gill 1861a:60 [ref. 1766] (subfamily) *Cetorhinus* [junior objective synonym of Selachii Richardson 1836, but Cetorhinidae in prevailing recent practice; family-group name used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Springer 1973 [ref. 7162], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Springer 1990b [ref. 19319], Robins *et al.* 1991a [ref. 14237], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Springer & Raasch 1995:102 [ref. 25656], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Compagno 2001 [ref. 26323], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Last & Stevens 2009]

Halsydridae Whitley 1934:196 [ref. 4949] (family) *Halsydrus* [name only, but used as valid by Fowler 1944a:477 [ref. 1448] Article 13.2.1]

Family Alopiidae Bonaparte 1835

Alopiadini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Alopias* [genus inferred from the stem, Article 11.7.1.1; changed to Alopecini by Bonaparte 1846:3, 18 [ref. 519] based on *Alopecias*; changed to Alopeciini by Bonaparte 1850a:453 [ref. 27352] also based on *Alopecias*; stem corrected to Alopi- by Fitzinger 1873:55 [ref. 31883], confirmed by Jordan & Gilbert 1883:26 [ref. 2476], by Fowler 1947:10 [ref. 1458], by Nelson 1976:34 [ref. 32838] and by Compagno 2001:78 [ref. 26323]; family name sometimes seen as Alopecidae or Alopeciatidae]

Vulpeculidae Garman 1913:12, 30 [ref. 1545] (family) *Vulpecula*

Order Carcharhiniformes

Family Scyliorhinidae Gill 1862 Name in prevailing recent practice, Article 35.5

Scyllini Bonaparte 1835:[5] [ref. 32242] (subfamily) *Scyllium* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Scylli- by Bonaparte 1846:3, 19 [ref. 519], confirmed by Cantor 1849:1373 [ref. 715], by Bleeker 1859c:57 [ref. 373], by Günther 1870:400 [ref. 1995] and by Gill 1872:24 [ref. 26254]; senior objective synonym of Scylliorhinoidae Gill 1862; family name sometimes seen as Scyliidae]

? Caninoini [or Caninotini] Nardo 1844:8 [ref. 3151] (subfamily) *Caninoa* [or *Caninotus*; mythical genus, not available]

Scylliorhinoidae Gill 1862p:393, 406 [ref. 1783] (family) *Scyliorhinus* [as *Scylliorhinus*, name must be corrected Article 32.5.3; also as subfamily Scylliorhininae; stem corrected to Scyliorhin- by Jordan & Fowler 1903a:600 [ref. 2460], confirmed by Fowler 1947:11 [ref. 1458], by Lindberg 1971:50 [ref. 27211] and by Compagno 1999:25 [ref. 25589]; junior objective synonym of Scyllini Bonaparte 1835, but Scyliorhinidae in prevailing recent practice; Scyliorhinidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Kamohara 1967, Lindberg 1971 [ref. 27211], Springer 1973 [ref. 7162], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Springer

1979 [ref. 4175], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Schaaf-Da Silva & Ebert 2008 [ref. 29807], Last & Stevens 2009, Human 2010 [ref. 30764], Allen & Erdmann 2012 [ref. 31980], Sato, Stewart & Nakaya 2013 [ref. 32718]]

Catulidae Garman 1913:12, 68 [ref. 1545] (family) *Catulus* Smith [invalid, Article 39]

Atelomycteridae White 1936a:4 [ref. 31933] (family) *Atelomycterus* [name only, but used as valid by White 1936b:19 [ref. 32585] and by White 1937:108 [ref. 26324] Article 13.2.1]

Cephaloscylliinae Fowler 1947:11 [ref. 1458] (subfamily) *Cephaloscyllium*

Schroederichthyinae Compagno 1988:106 [ref. 13488] (subfamily) *Schroederichthys*

Family Pentanchidae Smith 1912

Pentanchidae Smith 1912:489 [ref. 4041] (family) *Pentanchus* [family name sometimes seen as Pentachidae; authorship sometimes seen as Smith & Radcliffe, but Radcliffe only assisted with the new genus and species]

Galeinae Fowler 1934a:234 [ref. 1416] (subfamily) *Galeus* Rafinesque [preoccupied by Galei Müller & Henle 1839 in fishes, Article 55.3]

Halaeluridae White 1936a:4 [ref. 31933] (family) *Halaelurus* [name only, but used as valid by White 1936b:18 [ref. 32585] and by White 1937:107 [ref. 26324] Article 13.2.1]

Family Proscylliidae Fowler 1941

Proscylliinae Fowler 1941a:25 [ref. 6536] (subfamily) *Proscyllium* [family name sometimes seen as Proscyllidae]

Family Pseudotriakidae Gill 1893

Pseudotriacinae Gill 1893b:130 [ref. 26255] (subfamily) *Pseudotriakis* [*Pseudotriacis* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Pseudotriak- by Jordan & Evermann 1896a:26 [ref. 2443], confirmed by Compagno 1988:195 [ref. 13488], by Compagno 1999:27 [ref. 25589] and by Nelson 2006:61 [ref. 32486]]

Golluminae Compagno 1988:192 [ref. 13488] (subfamily) *Gollum*

Family Leptochariidae Gray 1851

Leptochariana Gray 1851:51 [ref. 4939] (tribe) *Leptocharias*

Family Triakidae Gray 1851

Subfamily Triakinae Gray 1851

Mustelini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Mustelus* Linck [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Emissolidae Whitley 1940; preoccupied in mammals, invalid, Article 55.3]

Scylliodontes Müller & Henle 1838–41:XVI, 63 [ref. 3069] (family) ? *Triakis* [latinized to Scylliodontidae by Richardson 1846:195 [ref. 3742]; no stem of the type genus, not available, Article 11.7.1.1]

Triakiana Gray 1851:55 [ref. 4939] (tribe) *Triakis* [stem changed to Triak- by White 1936a:4 [ref. 31933], confirmed by Nelson 1976:36 [ref. 32838] and by Nelson 2006:61 [ref. 32486]]

Scylliogaleidae Whitley 1940a:68 [ref. 4700] (family) *Scylliogaleus* [name only, but used as valid by Smith 1957a:353 [ref. 12172] Article 13.2.1]

Emissolidae Whitley 1940a:68, 117 [ref. 4700] (family) *Emissola* [name only, but used as valid by Whitley 1968:7 [ref. 22198] Article 13.2.1; junior objective synonym of Mustelini Bonaparte 1835, Article 61.3.2]

Cyniidae or Cyniatidae Myers & Storey 1956:14 [ref. 32831] (family) *Cynias* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Subfamily Galeorhininae Gill 1862

Galei Müller & Henle 1838–41:XVI, 57 [ref. 3069] (family) *Galeus* Cuvier [Gray 1851:52 [ref. 4939] used Galeiana; invalid, Article 39]

Galeorhinoidae Gill 1862p:393, 399 [ref. 1783] (family) *Galeorhinus* [also Gill 1862q:409 [ref. 4974]; also

as subfamily Galeorhininae; senior objective synonym of Eugaleidae de Buen 1926]

Eugaleidae de Buen 1926:23 [ref. 5054] (family) *Eugaleus* Gill [junior objective synonym of Galeorhinoidae Gill 1862, invalid, Article 61.3.2]

Iagini Compagno 1973b:28 [ref. 31929] (tribe) *Iago* [name only, published after 1960, not available, Article 13.1.1]

Iagini Compagno 1984b:381 [ref. 6846] (tribe) *Iago* [published after 1960 as a junior synonym; not available, Article 11.6.3]

Iagini Compagno 1988:229 [ref. 13488] (tribe) *Iago*

Family Hemigaleidae Hasse 1878

Hemigaleus Hasse 1878:146 [ref. 32587] (family) *Hemigaleus* [clearly used as a suprageneric taxon, Article 11.7.1.2; corrected to Hemigaleidae by Compagno 1973a:392 [ref. 898]]

Hemipristinae Fowler 1947:12 [ref. 1458] (subfamily) *Hemipristis*

Family Carcharhinidae Jordan & Evermann 1896 Name in prevailing recent practice, Article 35.5

Triaenodontini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Triaenodon* [genus inferred from the stem, Article 11.7.1.1]

Prionidae Swainson 1838:234, 235 [ref. 4302] (family) *Prionodon* Müller & Henle [invalid, Article 39]

? Nictitantes Owen 1846:51 [ref. 32214] (family) ? [no stem of the type genus, not available, Article 11.7.1.1]

Cynocephali Gill 1862p:399, 401 [ref. 1783] (group) *Cynocephalus* Gill [invalid, Article 39]

Galeocerdini Poey 1875:86 [ref. 3509] (subfamily) *Galeocerdo* [stem emended to Galeocerdon- by Steyskal 1980:175 [ref. 14191]]

Carcharhininae Jordan & Evermann 1896a:28 [ref. 2443] (subfamily) *Carcharhinus* [family-group name used as valid by: Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Springer 1990c [ref. 19320], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Grace 2001 [ref. 25694], Menezes *et al.* 2003 [ref. 27192], Paugy, Lévêque & Teugels 2003a [ref. 29209], Reis *et al.* 2003 [ref. 27061], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007a [ref. 30009], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Last & Stevens 2009, Allen & Erdmann 2012 [ref. 31980], White 2012 [ref. 31843]]

Eulamiidae Fowler 1916a:36 [ref. 33047] (family) *Eulamia*

Loxodontinae Whitley 1934:185 [ref. 4949] (subfamily) *Loxodon* [name only; preoccupied in mammals, invalid, Article 55.3]

Scoliodontinae Whitley 1934:185, 186 [ref. 4949] (subfamily) *Scoliodon* [name only, but used as valid by Fowler 1968:61 [ref. 9319] and by Compagno 1973b:28 [ref. 31929] Article 13.2.1]

Galeolamnidae Romer 1945:577 [ref. 32833] (family) *Galeolamna* [name only, used as valid before 2000?; not available]

Rhizoprionodontini Compagno 1988:290 [ref. 13488] (tribe) *Rhizoprionodon*

Isogomphodontini Compagno 1988:301 [ref. 13488] (tribe) *Isogomphodon*

Family Sphyrnidae Bonaparte 1840 Name in prevailing recent practice, Article 35.5

Zyganinae Swainson 1838:158 [ref. 4302] (subfamily) *Zygaena* [as *Zygana*, name must be corrected Article 32.5.3; also Swainson 1839:192, 318 [ref. 4303]; stem corrected to Zygaen- by Owen 1846:51 [ref. 32214], confirmed by Bleeker 1859d:XI [ref. 371], by Klunzinger 1871:665 [ref. 2622], by Gill 1889e:2698 [ref. 32834] and by Carus 1893:513 [ref. 17975]]

Sphyrnini Bonaparte 1840:fasc. 27, puntate 140 [ref. 514] (subfamily) *Sphyrna* [Sphyrnidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Kamohara 1967, Lindberg 1971 [ref. 27211], Gilbert 1973 [ref. 7164], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Springer 1990c [ref. 19320], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Menezes *et al.* 2003

[ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Last & Stevens 2009, Allen & Erdmann 2012 [ref. 31980]]

Cestraciontoidae Gill 1861a:59 [ref. 1766] (subfamily) *Cestracion* Klein [not available; also preoccupied by Cestraciontini Bonaparte 1835 in fishes, Article 55.3, and objective junior synonym of Sphyrnini Bonaparte 1840; family name sometimes seen as Cestracionidae]

Order Squaliformes

Family Dalatiidae Gray 1851 Name in prevailing recent practice, Article 35.5

Scymnini Bonaparte 1835:[3] [ref. 32242] (subfamily) *Scymnus* Cuvier [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39]

Scymnorhinini Bonaparte 1846:3, 16 [ref. 519] (subfamily) *Scymnorhinus*

Dalatiana Gray 1851:74 [ref. 4939] (tribe) *Dalatias* [family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Bass, D'Aubrey & Kistnasamy 1976 [ref. 7356], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Soto 2001 [ref. 26635], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Kukuev 2006 [ref. 31008], Nelson 2006 [ref. 32486], Last & Stevens 2009]

Isistiidae Garman 1899:32 [ref. 1540] (family) *Isistius*

Euprotomicridae Tanaka 1912:102, 105 [ref. 6033] (family) *Euprotomicrus*

Family Etmopteridae Fowler 1934 Name in prevailing recent practice, Article 35.5

Spinacini Bonaparte 1835:[3] [ref. 32242] (subfamily) *Spinax* [genus inferred from the stem, Article 11.7.1.1]

Etmopterinae Fowler 1934a:239 [ref. 1416] (subfamily) *Etmopterus* [family-group name used as valid by: Nelson 1984 [ref. 13596], Quéro *et al.* 1990 [ref. 15946], Shirai & Tachikawa 1993 [ref. 20599], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Nelson 2006 [ref. 32486], Schaaf-Da Silva & Ebert 2006 [ref. 28880], Last & Stevens 2009, Ebert, Compagno & De Vries 2011 [ref. 31551], Straube, Kriwet & Schliewen 2011 [ref. 31679]]

Family Somniosidae Jordan 1888 Name in prevailing recent practice, Article 35.5

Laemargi Hasse 1878:168, 171 [ref. 32587] (group) *Laemargus* [genus inferred from the stem, Article 11.7.1.1; stem Laemarg- confirmed by Carus 1893:500 [ref. 17975] and by Myers & Storey 1956:18 [ref. 32831]]

Somniosidae Jordan 1888:14, 15 [ref. 2390] (family) *Somniosus* [family-group name used as valid by: Jordan 1923 [ref. 2421], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Waller 1999 [ref. 23948], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Yano, Stevens & Compagno 2004 [ref. 28078], Nelson 2006 [ref. 32486], Last & Stevens 2009, Akhilest, Baneesh, Ganga & Pillai 2013 [ref. 33120]]

Family Oxynotidae Gill 1863 Name in prevailing recent practice, Article 35.5

Centrinae Swainson 1838:159 [ref. 4302] (subfamily) *Centrina* [as *Centrinus*, name must be corrected Article 32.5.3; corrected to Centrininae by Swainson 1839:191, 314 [ref. 4303]; senior objective synonym of Oxynotoidae Gill 1863]

Oxynotoidae Gill 1863b:496 [ref. 1671] (family) *Oxynotus* [date sometimes seen as 1862; stem Oxynot- confirmed by Gill 1872:24 [ref. 26254]; junior objective synonym of Centrinae Swainson 1838, but Oxynotidae in prevailing recent practice; family-group name used as valid by: Jordan 1923 [ref. 2421], Krefft & Tortonese 1973 [ref. 7165], Bass, D'Aubrey & Kistnasamy 1976 [ref. 7356], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Springer 1990a [ref. 19315], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Yano & Matsuura 2002 [ref. 26346], Azevedo, Sousa & Brum 2003 [ref. 27250], Nelson 2006 [ref. 32486], Last & Stevens 2009]

Family Centrophoridae Bleeker 1859

Centrophoroidei Bleeker 1859c:79 [ref. 373] (family) *Centrophorus* [also Bleeker 1859d:XII [ref. 371]]

Deaniinae Compagno 1973b:26 [ref. 31929] (subfamily) *Deania* [name only, published after 1960, not

available, Article 13.1.1]

Deaniinae Compagno 1984a:28, 29 [ref. 6474] (subfamily) *Deania* [published after 1960 as a junior synonym; not available, Article 11.6.3]

Family Squalidae de Blainville 1816

Squalus de Blainville 1816:121 [ref. 306] ("genus or even a family") *Squalus* [clearly used as a suprageneric taxon, Article 11.7.1.2; changed to Squalinidae by Leach 1818:62 [ref. 12565]; changed to Squalides by Stark 1828:384 [ref. 4193]; changed to Squali by Eichwald 1831:111 [ref. 5562]; corrected to Squalidae by Bonaparte 1846:3 [ref. 519]; senior objective synonym of Acanthidae Richardson 1848]

Sélaciens Cuvier 1816:121 [ref. 993] (family) *Squalus* [no stem of the type genus, not available, Article 11.7.1.1]

Acanthidae Richardson 1844–48:viii, 44 [ref. 3740] (family) *Acanthias* Bonaparte [correct stem is Acanthi-; junior objective synonym of Squalidae de Blainville 1816, invalid, Article 61.3.2]

Family Echinorhinidae Gill 1862

Echinorhinoidae Gill 1862p:393, 397, 406 [ref. 1783] (family) *Echinorhinus*

Order Pristiophoriformes

Family Pristiophoridae Bleeker 1859

Pristiophoroidei Bleeker 1859d:XII [ref. 371] (family) *Pristiophorus*

Pliotremidae Jordan 1923a:101 [ref. 2421] (family) *Pliotrema* [stem corrected to Pliotremat- by Fowler 1947:13 [ref. 1458]]

Order Squatiniformes

Family Squatinidae de Blainville 1816

Squatina Duméril 1805:101 [ref. 1151] (no family-group name)

Squatina de Blainville 1816:121 [ref. 306] ("genus or even a family") *Squatina* [clearly used as a suprageneric taxon, Article 11.7.1.2; stem Squatin- confirmed by Bonaparte 1835:[3] [ref. 32242], by Gray 1851:78, by Gill 1861a:61 [ref. 1766], by Moreau 1881:v.1 368 [ref. 3040], by Carus 1893:514 [ref. 17975], by Lindberg 1971:52 [ref. 27211] and by Nelson 1976:40 [ref. 32838]; stem changed to Squat- by Müller & Henle 1837:399 [ref. 13421] and by Müller & Henle 1838–41:XVII, 99 [ref. 3069]]

? Squali Jarocki 1822:426, 440 [ref. 4984] (family) ? *Squatina* [no stem of the type genus, not available, Article 11.7.1.1]

Rhinoidae Gill 1862p:408 [ref. 1783] (family) *Rhina* Gill [invalid, Article 39]

Order Pristiformes

Family Pristidae Bonaparte 1835

Pristidini Bonaparte 1835:[3] [ref. 32242] (subfamily) *Pristis* [genus inferred from the stem, Article 11.7.1.1; stem changed to Prist- by Swainson 1839:192 [ref. 4303], confirmed by Gill 1861a:61 [ref. 1766], by Steindachner 1870:577 [ref. 18768], by Jordan 1923a:102 [ref. 2421], by Nelson 1976:41 [ref. 32838] and by Nelson 2006:73 [ref. 32486]; stem changed to Pristis- by Gray 1851:87 [ref. 4939]; family name sometimes seen as Pristididae]

Order Torpediniformes

Family Narkidae Fowler 1934 Name in prevailing recent practice, Article 35.5

Temerae Gill 1862p:387 [ref. 1783] (group?) *Temera* [stem Temer- confirmed by Fowler 1941a:332 [ref. 6536]

Astrapae Gill 1862p:387 [ref. 1783] (group?) *Astrape* [senior objective synonym of Narkinae Fowler 1934]

Narkinae Fowler 1934a:240 [ref. 1416] (subfamily) *Narke* [junior objective synonym of Astrapae Gill 1862, but in prevailing recent practice; family-group name used as valid by: Lindberg 1971 [ref. 27211], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Nelson 1994 [ref. 26204], Randall 1995 [ref. 22896], McEachran, Dunn & Miyake 1996 [ref. 32589], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Nelson 2006 [ref. 32486], Compagno & Heemstra 2007 [ref. 29194]]

Family Narcinidae Gill 1862

Narcininae Gill 1862p:387 [ref. 1783] (subfamily) *Narcine* [also as group? Narcinae]

Discopygae Gill 1862p:387 [ref. 1783] (group?) *Discopyge* [stem Discopyg- confirmed by Gill 1895:165 [ref. 31875]]

Family Hypnidae Gill 1862

Hypninae Gill 1862p:386 [ref. 1783] (subfamily) *Hypnos*

Family Torpedinidae Henle 1834

? Plagiostomes Duméril 1805:102 [ref. 1151] (family) ? *Torpedo* [sometimes seen as Plagiostomata; no stem of the type genus, not available, Article 11.7.1.1]

Torpedines Henle 1834:29 [ref. 2092] (Gruppe?) *Torpedo* [stem Torpedin- confirmed by Bonaparte 1835:[3] [ref. 32242], by Günther 1870:448 [ref. 1995], by Gill 1873:790 [ref. 17631], by Carus 1893:527 [ref. 17975], by Fowler 1947:15 [ref. 1458], by Lindberg 1971:56 [ref. 27211] and by Nelson 1976:42 [ref. 32838]; name sometimes seen as Torpedidae or Torpedinae; senior objective synonym of Narcobatidae Jordan 1895]

Narcaciontoidae Gill 1862p:386 [ref. 1783] (family) *Narcacion* [also as subfamily Narcaciontinae]

Narcobatidae Jordan 1895:387 [ref. 2394] (family) *Narcobatus* [junior objective synonym of Torpedines, invalid, Article 61.3.2]

Order Rajiformes

Family Rhinobatidae Bonaparte 1835

Subfamily Rhinobatinae Bonaparte 1835

Rhinobatini Bonaparte 1835:[3] [ref. 32242] (subfamily) *Rhinobatos* [genus inferred from the stem, Article 11.7.1.1; Swainson 1838:187 [ref. 4302] used Rhinobatinae based on *Rhinobates*; Müller & Henle 1838–41:XVIII, 112 [ref. 3069] used Rhinobatides based on *Rhinobatus*]

Squatinorajae Müller & Henle 1838–41:XVIII, 105 [ref. 3069] (family) *Squatinoraja* [no stem of valid type genus, not available]

Squatinorajoidae Cantor 1849:1389 (family) *Squatinoraja* [genus inferred from the stem, Article 11.7.1.1; changed to Squatinoraja by Hasse 1878:171 [ref. 32587]; changed to Squatinorajae by Carus 1893:515 [ref. 17975]]

Subfamily Rhynchobatinae Bleeker 1865

Rhynchobatidoidei Bleeker 1865a:271 [ref. 415] (family) *Rhynchobatus* [stem corrected to Rhynchobat- by Garman 1913:266 [ref. 1545], confirmed by Nelson 1976:42 [ref. 32838] and by Nelson 2006:74 [ref. 32486]; family name sometimes seen as Rynchobatidae]

Subfamily Rhininae Müller & Henle 1841

Rhinae Müller & Henle 1838–41:XVIII, 110 [ref. 3069] (Gruppe ≈ tribe) *Rhina* Bloch & Schneider [stem Rhin- confirmed by Jordan 1923a:102 [ref. 2421] and by Nelson 1994:59 [ref 26204]; senior objective synonym of Rhamphobatides Day 1865]

Rhamphobatides Day 1865:273 [ref. 1074] (group) *Rhamphobatis* [genus inferred from the stem, Article 11.7.1.1; junior objective synonym of Rhinae Müller & Henle 1841, invalid, Article 61.3.2; stem Rhamphobatid- confirmed by Sheiko 2013:21 [ref. 32944]]

Subfamily Platyrhininae Jordan 1923 Name in prevailing recent practice

Discobatidae Garman 1881:523 [ref. 1529] (family) *Discobatus* [senior objective synonym of Platyrhinidae Jordan 1923; family-name used as valid after 1899]

Platyrhinidae Jordan 1923a:103 [ref. 2421] (family) *Platyrhina* [junior objective synonym of Discobatidae Garman 1881, but Platyrhininae in prevailing recent practice; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Nelson 1984 [ref. 13596], Stehmann 1990 [ref. 19316], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Nelson *et al.* 2004 [ref. 27807], Nelson 2006 [ref. 32486], Iwatsuki *et al.* 2011 [ref. 31118]; senior objective synonym of Analithidae]

Analithidae Jordan 1923a:103 [ref. 2421] (family) *Analithis* [junior objective synonym of Platyrhinidae Jordan 1923, invalid, Article 61.3.2]

Platyrhinoididae Fowler 1930a:27 [ref. 32513] (family) *Platyrhinoidis* [genus inferred from the stem,

Article 11.7.1.1]

Zanobatidae Fowler 1934b:163 [ref. 32669] (family) *Zanobatus* [genus inferred from the stem, Article 11.7.1.1; also as subfamily Zanobatinae]

Family Arhynchobatidae Fowler 1934 Spelling in prevailing recent practice

Arhynchobatinae Fowler 1934a:240 [ref. 1416] (subfamily) *Arhynchobatis* [stem emended to Arhynchobatid- by Steyskal 1980:170 [ref. 14191]; Nelson 1976:43 [ref. 32838], Compagno 1999:35 [ref. 25589] and Nelson 2006:75 [ref. 32486] used Arhynchobat- as stem]

Pseudorajidae Bigelow & Schroeder 1954:2 [ref. 5551] (family) *Pseudoraja*

Pavorajini McEachran 1984:55 [ref. 5225] (tribe) *Pavoraja*

Family Cruririajidae Hulley 1972

Cruririajidae Hulley 1972:78 [ref. 5611] (family) *Cruriraja*

Family Rajidae de Blainville 1816

Plagiostomia Rafinesque 1815:93 [ref. 3584] (family) ? *Platopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Platosomia Rafinesque 1815:93 [ref. 3584] (subfamily) ? *Platopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Raia de Blainville 1816:120 [ref. 306] ("genus or even a family") *Raja* [as *Raia*, name must be corrected Article 32.5.3; clearly used as a suprageneric taxon, Article 11.7.1.2; corrected to Rajidae by Bonaparte 1831:165, 188 [ref. 4978] (family), confirmed by Günther 1870:455 [ref. 1995]; Eichwald 1831:114 [ref. 5562], Minding 1832:V [ref. 3022] and Müller & Henle 1838–41:XIX, 132 [ref. 3069] used Rajae (family); Gill 1873:790 [ref. 17631] used Raiaidae; family name sometimes seen as Raiidae]

Platysomi Stark 1828:388 [ref. 4193] (family) *Raja* [no stem of the type genus, not available, Article 11.7.1.1]

Batides van der Hoeven 1855:255 [ref. 2182] (family) ? *Raja* [no stem of the type genus, not available, Article 11.7.1.1]

Amblyraja Malm 1877:607 [ref. 2881] (no family-group name)

Cephaleutherinae Jordan in Gill 1894b:113 [ref. 31876] (subfamily) *Cephaleutherus* [name in synonymy; treated as available before 1961?; not available, Article 11.6.1]

Gurgesiellidae de Buen 1959:184 [ref. 697] (family) *Gurgesiella* [family name sometimes seen as Curgesiellidae]

Amblyrajini McEachran & Dunn 1998:278, 279 [ref. 23312] (tribe) *Amblyraja*

Riorajini McEachran & Dunn 1998:278, 280 [ref. 23312] (tribe) *Rioraja*

Rostrorajini Chiquillo, Ebert, Slager & Crow 2014: 245,249 (tribe) *Rostroraja*

Family Anacanthobatidae von Bonde & Swart 1923 Spelling in prevailing recent practice

Leiobatidae von Bonde & Swart 1923:17, 22 [ref. 522] (family) *Leiobatis* von Bonde & Swart [invalid, Article 39]

Anacanthobatidae von Bonde & Swart 1923:errata slip [ref. 522] (family) *Anacanthobatis* [*Leiobatis* von Bonde & Swart preoccupied, *Leiobatis* and Leiobatidae substituted by *Anacanthobatis* and Anacanthobatidae on p. 16, 17 and 22; stem emended to Anacanthobatid- by Steyskal 1980:170 [ref. 14191], confirmed by Nakaya in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:15 [ref. 6441]; Nelson 1976:43 [ref. 32838], Eschmeyer 1998:2451 [ref. 23416], Compagno 1999:37 [ref. 25589] and Nelson 2006:75 [ref. 32486] used Anacanthobat- as stem]

Order Myliobatiformes

Family Plesiobatidae Nishida 1990 Spelling in prevailing recent practice

Plesiobatididae Nishida 1990:98 [ref. 19783] (family) *Plesiobatis* [stem changed to Plesiobat- by Eschmeyer 1998:2451 [ref. 23416], confirmed by Compagno 1999:37 [ref. 25589] and by Nelson 2006:77 [ref. 32486]]

Family Hexatrygonidae Heemstra & Smith 1980

Hexatrygonidae Heemstra & Smith 1980:1 [ref. 2081] (family) *Hexatrygon*

Hexatrematobatidae Chu & Meng in Chu *et al.* 1981:111 [ref. 4841] (family) *Hexatrematobatis* [family authorship inferred from genus and species authorship, see p. 116; correct stem is Hexatrematobatid-]

Family Dasyatidae Jordan & Gilbert 1879 Name and spelling in prevailing recent practice

Trygonini Bonaparte 1835:[2] [ref. 32242] (subfamily) *Trygon* [genus inferred from the stem, Article 11.7.1.1; Richardson 1846:320 [ref. 3742] used Trygonisidae]

Anacanthini Bonaparte 1835:[2] [ref. 32242] (subfamily) *Anacanthus* Ehrenberg [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39]

Pastinacae Müller & Henle 1838–41:XIX, 158 [ref. 3069] (Gruppe ≈ tribe) ? *Pastinaca* Swainson [no stem of valid type genus, not available]

Urogymni Gray 1851:ix, 114 [ref. 4939] (tribe) *Urogymnus*

Pastinacae Gray 1851:ix, 115 [ref. 4939] (tribe) ? *Pastinaca* Swainson [no stem of valid type genus, not available]

? Thalassotrygones Garman 1877:208 [ref. 1528] (group?) ? [no stem of type genus, not available]

Dasybatidae Jordan & Gilbert 1879:386 [ref. 2465] (family) *Dasyatis* [as "*Dasybatis* Rafinesque", name must be corrected Article 32.5.3; corrected to Dasyatidae by Jordan 1888:22 [ref. 2390]; emended to Dasyatididae by Steyskal 1980:170 [ref. 14191], confirmed by Nakaya in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:15 [ref. 6441] and by Kottelat 2013b:25 [ref. 32989]; Kamohara 1967:8, Lindberg 1971:56 [ref. 27211], Nelson 1976:44 [ref. 32838], Shiino 1976:16, Nelson 1984:63 [ref. 13596], Whitehead *et al.* (1984):197 [ref. 13675], Robins *et al.* 1991a:1, 4 [ref. 14237], Springer & Raasch 1995:103 [ref. 25656], Eschmeyer 1998:2451 [ref. 23416], Compagno 1999:39 [ref. 25589], Chu & Meng 2001:412, Allen, Midgley & Allen 2002:330 [ref. 25930], Paugy, Lévêque & Teugels 2003a:80 [ref. 29209], Nelson *et al.* 2004:56 [ref. 27807], Nelson 2006:79 [ref. 32486], Stiassny, Teugels & Hopkins 2007a:154 [ref. 30009], Kimura, Satapoomin & Matsuura 2009:12 [ref. 30425] and Last & Stevens 2009:429 used Dasyatidae as valid; family name sometimes seen as Dasyatiidae; senior objective synonym of Dasybatidae Gill 1893]

Dasybatidae Gill 1893b:130 [ref. 26255] (family) *Dasybatus* Garman [genus inferred from the stem, Article 11.7.1.1; junior objective synonym of Dasybatidae Jordan & Gilbert 1879, invalid, Article 61.3.2]

Hypolophinae Stromer 1910:493 [ref. 33048] (subfamily) *Hypolophus*

Brachiopteridae Jordan 1923a:105 [ref. 2421] (family) *Brachioptera*

Pastinachinae Roberts 2007:285 [ref. 29413] (subfamily) *Pastinachus*

Family Gymnuridae Fowler 1934 Name in prevailing recent practice, Article 35.5 and Article 40.2

Pteroplateinae Gill 1873:790 [ref. 17631] (subfamily) *Pteroplatea*

Gymnurinae Fowler 1934a:241 [ref. 1416] (subfamily) *Gymnura* [not preoccupied by (invalid) Gymnurinae Gill 1872 in mammals, that name being based on the not valid mammalian genus *Gymnura* Lesson 1827; family-group name used as valid by: Lindberg 1971 [ref. 27211], Stehmann 1974 [ref. 21659], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Paxton *et al.* 1989 [ref. 12442], McEachran & Séret 1990 [ref. 19318], Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Jacobsen & Bennett 2009 [ref. 30470], Last & Stevens 2009]

Family Myliobatidae Bonaparte 1835

Subfamily Myliobatinae Bonaparte 1835 Spelling in prevailing recent practice

? Depressi Jarocki 1822:426, 429 [ref. 4984] (family) ? *Myliobatis* [no stem of the type genus, not available, Article 11.7.1.1]

Myliobatini Bonaparte 1835:[2] [ref. 32242] (subfamily) *Myliobatis* [genus inferred from the stem, Article 11.7.1.1; stem emended to Myliobatid- by Steyskal 1980:171 [ref. 14191] , confirmed by Nakaya in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:16 [ref. 6441] and by Kottelat 2013b:29 [ref. 32989]; Nelson 1976:46 [ref. 32838], Eschmeyer 1998:2451 [ref. 23416], Compagno 1999:40 [ref. 25589] and Nelson 2006:81 [ref. 32486] used Myliobat- as stem]

Aëtobatinae Agassiz 1861:385 [ref. 73] (subfamily) *Aetobatis* [stem changed to Aetobat- by Gill 1873:790 [ref. 17631]; correct stem is Aetobatid-; family name sometimes seen as Actobatidae]

Stoasodontinae Gill 1893b:130 [ref. 26255] (subfamily) *Stoasodon* [genus inferred from the stem, Article 11.7.1.1]

Leiobatidés Roule 1919:126 [ref. 19805] (family) *Leiobatus* Klein [published not in latinized form after 1899, not available]

Leiobatidae de Buen 1926:37 [ref. 5054] *Leiobatus* Klein [no available type genus, not available, Article 11.7.1.1]

Subfamily Rhinopterinae Jordan & Evermann 1896

Rhinopterinae Jordan & Evermann 1896a:88 [ref. 2443] (subfamily) *Rhinoptera* [family name sometimes seen as Rhenopteridae based on *Rhenoptera*]

Subfamily Mobulinae Gill 1893 Name in prevailing recent practice

Cephalopterini Bonaparte 1835:[2] [ref. 32242] (subfamily) *Cephaloptera* [genus inferred from the stem, Article 11.7.1.1; also as new subfamily Cephalopterinae in Fowler 1934b:163 [ref. 32669]]

Pterocephalinae Swainson 1838:174 [ref. 4302] (subfamily) *Pterocephalus* [also Swainson 1839:192, 320 [ref. 4303]; later used as Pterocephalinae Kobayashi 1935 or Pterocephaliidae Lochmann 1956 in trilobites (Temple 1962)]

Dicerobatididae Cantor 1849:1419 [ref. 715] (family) *Dicerobatis* [changed to Dicerobatidae by Schmiedeknecht 1906:451 [ref. 33177]]

Massenoideae Hill 1862:174 [ref. 21782] (group?) *Cephaloptera* [no stem of the type genus, not available, Article 11.7.1.1]

Ceratopterina Günther 1870:435, 496 [ref. 1995] (group) *Ceratoptera* [Whitley 1936a:167 [ref. 6075] used Ceratopteridae]

Mantidae Jordan 1887:558 [ref. 2388] (family) *Manta* [Mantinae preoccupied in Orthoptera, invalid, Article 55.3]

Mobulidae Gill 1893b:130 [ref. 26255] (family) *Mobula* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, Lindberg 1971 [ref. 27211], Krefft & Stehmann 1973 [ref. 7167], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Notarbartolo-di-Sciara 1987 [ref. 9133], Paxton *et al.* 1989 [ref. 12442], McEachran & Séret 1990 [ref. 19318], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Compagno 1999 [ref. 25589], Chu & Meng 2001, Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Nelson 2006 [ref. 32486], Last & Stevens 2009, Marshall, Compagno & Bennett 2009 [ref. 30599], Allen & Erdmann 2012 [ref. 31980]]

Aodontidae Jordan & Evermann 1898b:2756 [ref. 2445] (family) *Aodon*

Indomantinae Whitley 1936a:183 [ref. 6075] (subfamily) *Indomanta*

Ceratobatinae Whitley 1936a:188 [ref. 6075] (subfamily) *Ceratobatis* [correct stem is Ceratobatid-]

Family Urolophidae Müller & Henle 1841

Urolophi Müller & Henle 1838–41:XX, 173 [ref. 3069] (Gruppe ≈ tribe) *Urolophus* [family-group name given priority by Whitley 1939:257 [ref. 4695]]

Trygonopterae Müller & Henle 1838–41:XX, 174 [ref. 3069] (Gruppe ≈ tribe) *Trygonoptera*

Family Potamotrygonidae Garman 1877

Potamotrygones Garman 1877:208 [ref. 1528] (group?) *Potamotrygon* [stem Potamotrygon- confirmed by Eigenmann 1912:116 [ref. 1227]]

Ellipesurinae [Elipesurinae] Gill 1877b:958 [ref. 32501] (subfamily) *Elipesurus* [stem corrected to Elipesur- by Jordan 1923a:104 [ref. 2421], confirmed by Myers & Storey 1956:15 [ref. 32831]]

Paratrygoninae Gill 1893b:130 [ref. 26255] (subfamily) *Paratrygon* [genus inferred from the stem, Article 11.7.1.1]

Family Urotrygonidae McEachran, Dunn & Miyake 1996

Urotrygonidae McEachran, Dunn & Miyake 1996:81 [ref. 32589] (family) *Urotrygon*

Class Holocephali

Order Chimaeriformes

Family Callorhinchidae Garman 1901

Callorhynchidae Garman 1901:77 [ref. 1541] (family) *Callorhinchus* [as *Callorhynchus*, name must be

corrected Article 32.5.3; corrected to Callorhinchidae by Goodrich 1909:176 [ref. 32502], confirmed by Nelson 2006:45 [ref. 32486]]

Family Chimaeridae Rafinesque 1815

Chimeria Rafinesque 1815:92 [ref. 3584] (subfamily) *Chimaera* [as *Chimera*, name must be corrected Article 32.5.3; corrected to Chimaerei by Jarocki 1822:402 [ref. 4984] (family); corrected to Chimaerae by Stark 1828:390 [ref. 4193] (family); stem Chimaer- confirmed by Bonaparte 1831:164, 187 [ref. 4978]]

Plagiostomata Goldfuss 1820:X, 113 [ref. 1829] (family) ? *Chimaera* [no stem of the type genus, not available, Article 11.7.1.1]

Acanthorhina Latreille 1825:111 [ref. 31889] (family) *Chimaera* [no stem of the type genus, not available, Article 11.7.1.1]

Family Rhinochimaeridae Garman 1901 Name in prevailing recent practice, Article 35.5

Harriottiinae [Harriottinae] Gill 1893b:130 [ref. 26255] (subfamily) *Harriotta* Goode & Bean 1895 [genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]

Harriottinae Jordan & Evermann 1896a:94 [ref. 2443] (subfamily) *Harriotta*

Rhinochimaeridae Garman 1901:76 [ref. 1541] (family) *Rhinochimaera* [family-group name used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Krefft 1973 [ref. 7166], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Krefft 1990 [ref. 19321], Last & Stevens 1994 [ref. 23873], Nelson 1994 [ref. 26204], Shao & Hwang 1997 [ref. 25309], Eschmeyer 1998 [ref. 23416], Chu & Meng 2001, Menezes *et al.* 2003 [ref. 27192], Nelson 2006 [ref. 32486], Ali, Jawad & Sheikh 2009 [ref. 30665], Last & Stevens 2009]

Class Cladistii

Order Polypteriformes

Family Polypteridae Bonaparte 1835

Politterini Rafinesque 1810b:33 [ref. 3595] (ordine) ? *Polypterus* [published not in latinized form before 1900; not available, Article 11.7.2]

Armicipites Latreille 1825:120 [ref. 31889] (tribe) *Polypterus* [no stem of the type genus, not available, Article 11.7.1.1]

Polypterini Bonaparte 1835:[8] [ref. 32242] (subfamily) *Polypterus* [genus inferred from the stem, Article 11.7.1.1]

Calamoichthyinae Gill 1893b:130 [ref. 26255] (subfamily) *Calamoichthys* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Calamichthyidae]

Erpetoichthyidae Myers & Storey 1956:16 [ref. 32831] (family) *Erpetoichthys* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Class Actinopteri

Order Acipenseriformes

Family Acipenseridae Bonaparte 1831

Sturionidi Rafinesque 1810b:40 [ref. 3595] (ordine) *Sturio* [published not in latinized form before 1900; not available, Article 11.7.2]

Sturiona Rafinesque 1815:92 [ref. 3584] (subfamily) ? *Acipenser* [no stem of the type genus, not available, Article 11.7.1.1; not based on valid genus *Sturio*]

Gymnorhynci Latreille 1825:114 [ref. 31889] (family) *Acipenser* [no stem of the type genus, not available, Article 11.7.1.1]

Acipenseridae Bonaparte 1831:164, 187 [ref. 4978] (family) *Acipenser* [senior objective synonym of Sturionidae Owen 1846]

Scaphirhynchini Bonaparte 1835:[7] [ref. 32242] (subfamily) *Scaphirhynchus* Heckel 1836 [genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]

Scaphirhynchini Bonaparte 1840:187 [journal ref. 32242] (subfamily) *Scaphirhynchus* [genus inferred from the stem, Article 11.7.1.1]

Sturionidae Owen 1846:50 [ref. 32214] (family) *Sturio* [junior objective synonym of Acipenseridae Bonaparte 1831, invalid, Article 61.3.2]

Scaphirhynchopinae Gill 1890b:5376 [ref. 32975] (subfamily) *Scaphirhynchops* [genus inferred from the stem, Article 11.7.1.1; name in synonymy, ever used as valid?; not available]

Husinae Findeis in Stiassny, Parenti & Johnson 1996:110 [ref. 23450] (subfamily) *Huso* [also Findeis 1997:118 [ref. 32590]]

Family Polyodontidae Bonaparte 1835

Eleuthéropomes Duméril 1805:105 [ref. 1151] (family) ? *Polyodon* [no stem of the type genus, not available, Article 11.7.1.1]

Phyllorhynci Latreille 1825:114 [ref. 31889] (family) *Polyodon* [no stem of the type genus, not available, Article 11.7.1.1]

Polyodontidae Bonaparte 1835:[7] [ref. 32242] (family) *Polyodon* [genus inferred from the stem, Article 11.7.1.1]

Prionidae Swainson 1838:227, 231 [ref. 4302] (family) *Polyodon* [also Swainson 1839:193, 322 [ref. 4303]; not based on *Prionodon* Müller & Henle 1838; no stem of the type genus, not available, Article 11.7.1.1]

Spatulariae Müller 1845:119, 137 [ref. 32591] (family) *Spatularia* [also Müller 1846:203 [ref. 13283]]

Psephurini Grande & Bemis 1991:113 [ref. 19936] (tribe) *Psephurus*

Order Lepisosteiformes

Family Lepisosteidae Bonaparte 1835

"les lépisostées de …" Cuvier 1824:307 [ref. 32592] (no family-group name)

Lepidosteidae Bonaparte 1835:[8] [ref. 32242] (family) *Lepisosteus* [also as subfamily Lepidosteini; *Lepidosteus* inferred from the stem, name must be corrected Article 32.5.3; corrected to Lepisosteidae by Guichenot 1839:2 [ref. 33128], confirmed by Adams in Adams, Baikie & Barron 1854:93 [ref. 31954] and by Jordan & Evermann 1896a:108 [ref. 2443]]

Ostéosomes Guichenot 1839:2 [ref. 33128] (family) *Lepisosteus* [no stem of the type genus, not available, Article 11.7.1.1]

Psallisostomidae Fowler 1906a:81 [ref. 1371] (family) *Psallisostomus* Fowler [also Fowler 1906d:88 [ref. 7112] and Fowler 1907c:6 [ref 32671]]

Order Amiiformes

Family Amiidae Bonaparte 1831

Amini Bonaparte 1831:161, 182 [ref. 4978] (subfamily) *Amia* [stem changed to Ami- by Bonaparte 1850a:455 [ref. 27352], confirmed by Günther 1870:324 [ref. 1995], by Gill 1872:21 [ref. 26254], by Lindberg 1971:60 [ref. 27211] and by Nelson 1976:64 [ref. 32838]; family name sometimes seen as Amiatidae or Amistidae]

Order Osteoglossiformes

Family Osteoglossidae Bonaparte 1845

Osteoglossidae Bonaparte 1845:387 [ref. 32998] (family) *Osteoglossum* [genus inferred from the stem, Article 11.7.1.1; also as subfamily Osteoglossini; also Bonaparte 1846:5 [ref. 519]]

Family Arapaimidae Bonaparte 1846

Arapaimini Bonaparte 1846:5 [ref. 519] (subfamily) *Arapaima* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Arapaimatidae]

Heterotidae Cope 1871:455 [ref. 920] (family) *Heterotis* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Heterotid- by Gill 1893b:130 [ref. 26255], confirmed by Steyskal 1980:170 [ref. 14191]]

Clupisudidae Jordan 1923a:123 [ref. 2421] (family) *Clupisudis*

Family Pantodontidae Peters 1876

Pantodontidae Peters 1876:200 [ref. 3445] (family) *Pantodon*

Family Hiodontidae Valenciennes 1847

Hyodontes Valenciennes in Cuvier & Valenciennes 1847:287 [ref. 4883] (family) *Hiodon* [as *Hyodon*, name

must be corrected Article 32.5.3; latinized to Hyodontidae by Richardson 1856:249 [ref. 3747]; latinized to Hyodontiformes by Bleeker 1859d:XXXI [ref. 371] (subfamily); latinized to Hiodontidae by Jordan 1888:69 [ref. 2390], confirmed by Jordan & Evermann 1896a:412 [ref. 2443], by Fowler 1958a:2 [ref. 31840] and by Nelson 1976:69 [ref. 32838]; considered valid with this authorship by Richardson 1856:249 [ref. 3747], by Gill 1893b:130 [ref. 26255], by Patterson 1993:623 [ref. 32940], by Hilton 2002:12 [ref. 26579] and by Sheiko 2013:26 [ref. 32944] Article 11.7.2]

Glossodontidae Fowler 1907c:6 [ref. 32671] (family) *Glossodon*

Family Notopteridae Bleeker 1851

Notopteri Bleeker 1851–52:3, 4, 8 [ref. 16907] (group) *Notopterus* [also in Bleeker 1851:437 [ref. 16897]]

Xenomystinae Greenwood 1963:401 [ref. 1897] (subfamily) *Xenomystus*

Family Mormyridae Bonaparte 1831

Mormirimi Rafinesque 1810b:41 [ref. 3595] (ordine) ? *Mormyrus* [published not in latinized form before 1900; not available, Article 11.7.2]

Mormyrini Bonaparte 1831:160, 180 [ref. 4978] (subfamily) *Mormyrus*

Petrocephalinae Gill 1862h:139 [ref. 1661] (subfamily) *Petrocephalus*

Mormyrodini Bleeker 1874c:367 [ref. 435] (phalanx ≈ tribe) *Mormyrodes* [genus inferred from the stem, Article 11.7.1.1]

Family Gymnarchidae Bleeker 1859

Gymnarchi Swainson 1838:215 [ref. 4302] (no family-group name)

Gymnarchoidei Bleeker 1859d:XXVI [ref. 371] (family) *Gymnarchus*

Order Elopiformes

Family Elopidae Valenciennes 1847

Siagonotes Duméril 1805:148 [ref. 1151] (family) ? *Elops* [no stem of the type genus, not available, Article 11.7.1.1]

Élopiens Valenciennes in Cuvier & Valenciennes 1847:358 [ref. 4883] (family) *Elops* [latinized to Elopidae by Richardson 1844–48:v [ref. 3740]; latinized to Elopina by Günther 1868:382, 469 [ref. 1990] (group); considered valid with this authorship by Richardson 1844–48:v [ref. 3740], by Bleeker 1851–52:7 [ref. 16907], by Kner 1867:338 [ref. 18426] and by Gill 1893b:131 [ref. 26255] Article 11.7.2; Whitley 1940b:397 [ref. 4699] used Elopsidae]

Family Megalopidae Jordan & Gilbert 1883

Megalopinae Jordan & Gilbert 1883:261 [ref. 2476] (subfamily) *Megalops*

Order Albuliformes

Family Albulidae Bleeker 1849

Subfamily Albulinae Bleeker 1849

Butirinidi Rafinesque 1810b:36 [ref. 3595] (ordine) ? *Butyrinus* [published not in latinized form before 1900; not available, Article 11.7.2]

Albulae Bleeker 1849:6, 9 [ref. 320] (family) *Albula* [stem Albul- confirmed by Bleeker 1859d:XXX [ref. 371] and by Günther 1868:382, 468 [ref. 1990]]

Butirini Bleeker 1851–52:3, 4, 7 [ref. 16907] (family) *Butyrinus* [genus inferred from the stem, Article 11.7.1.1; correct stem is Butyrin-]

Conorhynchoidae Gill 1861a:55 [ref. 1766] (family) *Conorynchus* [as *Conorhynchus*, name must be corrected Article 32.5.3; ever corrected?; not Conorhynchidae based on *Conorhynchos* Bleeker 1858 Siluriformes]

? Lemniscati Poey 1867:209 [ref. 32247] (family) ? *Esunculus* [no stem of the type genus, not available, Article 11.7.1.1]

Atopichthyes Garman 1899:325, 326 [ref. 1540] (family) *Atopichthys*

Dixoninidi Fowler 1958b:4 [ref. 1470] (tribe) *Dixonina*

Subfamily Pterothrissinae Gill 1893 Name in prevailing recent practice

Bathythrissidae Günther 1877:443 [ref. 2009] (family) *Bathythrissa* [family-group name not used as valid after 1899]

Pterothrissidae Gill 1893b:131 [ref. 26255] (family) *Pterothrissus* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Greenwood 1977, Nelson 1984 [ref. 13596], Whitehead 1990 [ref. 19325], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Zhang 2001 [ref. 26586], Nelson 2006 [ref. 32486]]

Order Notacanthiformes

Family Halosauridae Günther 1868

Halosauridae Günther 1868:482 [ref. 1990] (family) *Halosaurus*

Halosauropsinae McDowall 1973:51 [ref. 24539] (subfamily) *Halosauropsis*

Family Notacanthidae Rafinesque 1810

Notacantini Rafinesque 1810b:34 [ref. 3595] (ordine) ? *Notacanthus* [*Notacantus* inferred from the stem; latinized to Notacanthia by Rafinesque 1815:89 [ref. 3584] (subfamily); latinized to Notacanthi by Günther 1861c:544 [ref. 1964]; considered valid with this authorship by Gill 1893b:133 [ref. 26255], by Nolf 1985:41 [ref. 32698], by Patterson 1993:625 [ref. 32940] and by Sheiko 2013:28 [ref. 32944] Article 11.7.2]

Campylodontoidae Gill 1861a:34 [ref. 1766] (family) *Kampylodon* or *Campilodon* [as *Campylodon*, name must be corrected Article 32.5.3; ever corrected?]

Lipogenyidae Gill 1893b:133 [ref. 26255] (family) *Lipogenys* Goode & Bean 1895 [genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]

Polyacanthonotinae Goode & Bean 1895b:457 [ref. 1847] (subfamily) *Polyacanthonotus* [priority given to Polyacanthonotinae over Lipogenyidae by Greenwood 1977:100]

Lipogenyidae Gill in Goode & Bean 1895b:457, 469 [ref. 1847] (family) *Lipogenys* [family name sometimes seen as Lipogenidae]

Order Anguilliformes

? Muraenidae Platyschistae Günther 1870:19, 21 [ref. 1995] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Muraenidae Engyschistae Günther 1870:21, 93 [ref. 1995] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

Family Protanguillidae Johnson, Ida & Miya 2012

Protanguillidae Johnson, Ida & Miya 2012:936 [ref. 31476] (family) *Protanguilla*

Family Anguillidae Rafinesque 1810

Anguillidi Rafinesque 1810b:37 [ref. 3595] (ordine) *Anguilla* [latinized to Anguillinia by Rafinesque 1815:91 [ref. 3584] (subfamily); latinized to Anguilliformes by Jarocki 1822:326, 343 [ref. 4984] (family); considered valid with this authorship by Gill 1893b:132 [ref. 26255], by Nolf 1985:41 [ref. 32698], by Patterson 1993:626 [ref. 32940] and by Sheiko 2013:28 [ref. 32944] Article 11.7.2]]

Family Heterenchelyidae Regan 1912

Heterenchelidae Regan 1912d:379, 382 [ref. 31893] (family) *Heterenchelys* [stem corrected to Heterenchely- by Jordan 1923a:133 [ref. 2421], confirmed by Myers and Storey 1956:17 [ref. 32831], by Nelson 1976:83 [ref. 32838], by McCosker 1977:16 [ref. 6836], by Smith 1989:48 [ref. 13285] and by Nelson 2006:116 [ref. 32486]]

Family Moringuidae Gill 1885 Name in prevailing recent practice

Ptyobranchidae McClelland 1844:158, 159, 176 [ref. 2928] (family) *Ptyobranchus* [stem sometimes seen as Ptychobranch-]

Rataburidae [Ratabouridae] Gill 1872:20 [ref. 26254] (family) *Rataboura* [*Ratabura* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Ratabour- by McCulloch 1929–30:70 [ref. 2948], confirmed by Fowler 1932a:47 [ref. 32515] and by Deraniyagala 1952:77 [ref. 12768]]

Moringuidae Gill 1885a:107 [ref. 1653] (family) *Moringua* [family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino

1976, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Zhang *et al.* 2010 [ref. 31511], Allen & Erdmann 2012 [ref. 31980]]

Stilbiscinae Jordan & Davis 1891:582, 643 [ref. 2437] (subfamily) *Stilbiscus*

Angullichidae [Anguillichthyidae] Mowbray in Breder 1927:4 [ref. 635] (family) *Anguillichthys* [corrected to Anguillichthyidae by Parr 1930b:141 [ref. 3370], confirmed by Myers & Storey 1956:10 [ref. 32831] and by Böhlke & Chaplin 1968:68 [ref. 23150]]

Family Chlopsidae Rafinesque 1815

Clopsidini Rafinesque 1810b:42 [ref. 3595] (ordine) *Chlopsis* [published not in latinized form before 1900; not available, Article 11.7.2]

Chlopsidia Rafinesque 1815:92 [ref. 3584] (subfamily) *Chlopsis*

Xenocongridae Regan 1912d:379, 381 [ref. 31893] (family) *Xenoconger*

Chilorhinidae Gosline 1952:133 [ref. 32593] (family) *Chilorhinus*

Powellichthyinae Smith 1965c:46 [ref. 32251] (subfamily) *Powellichthys* [also Smith 1966a:298 [ref. 4136]]

Family Myrocongridae Gill 1890

Myrocongrinae Gill 1890c:169 [ref. 31879] (subfamily) *Myroconger*

Family Muraenidae Rafinesque 1815

Subfamily Uropterygiinae Fowler 1925

Ichthyophides Bleeker 1864–65, 1864:6 and 1865:74 [ref. 4860] (phalanx ≈ tribe) *Ichthyophis* Lesson [no valid type genus, not available, Article 11.7.1.1]

Uropterygiinae Fowler 1925:2 [ref. 1401] (subfamily) *Uropterygius*

Subfamily Muraeninae Rafinesque 1815

Pantoptères Duméril 1805:114 [ref. 1151] (family) ? *Muraena* [no stem of the type genus, not available, Article 11.7.1.1]

Murenidi Rafinesque 1810b:44 [ref. 3595] (ordine) *Muraena* [published not in latinized form before 1900; not available, Article 11.7.2]

Murenidia Rafinesque 1815:93 [ref. 3584] (subfamily) *Muraena* [as *Murena*, name must be corrected Article 32.5.3; stem corrected to Muraen- by Bonaparte 1831:162 [ref. 4978], confirmed by Minding 1832:VI, 72 [ref. 3022]]

Enchelyoides Goldfuss 1820:VI, 44 [ref. 1829] (family) ? *Gymnothorax* [no stem of the type genus, not available, Article 11.7.1.1]

Thyrsoideinae Kaup 1856a:59 [ref. 2572] (subfamily) *Thyrsoides* [as *Thyrsoidea*, name must be corrected Article 32.5.3; also erroneously as Thyrsodeinae Kaup 1856b:71 [ref. 2573]]

Gymnothoracoidei Bleeker 1863a:17, 129 [ref. 395] (family) *Gymnothorax* [also Bleeker 1864–65:6, 72 [ref. 4860]]

Muraenophides Bleeker 1864–65, 1864:6 and 1865:73, 76 [ref. 4860] (phalanx ≈ tribe) *Murenophis* [as *Muraenophis*, name must be corrected Article 32.5.3; no valid type genus, not available, Article 11.7.1.1]

Echidnidae Fowler 1925:2 [ref. 1401] (family) *Echidna* [also as subfamily Echidninae]

Heteromyridae Pietschmann 1935:93 [ref. 3477] (family) *Heteromyrus*

Lycodontidae Myers & Storey 1956:19 [ref. 32831] *Lycodontis* [genus inferred from the stem, Article 11.7.1.1; unavailable publication; also preoccupied in snakes]

Family Synaphobranchidae Johnson 1862

Subfamily Ilyophinae Jordan & Davis 1891

Ilyophididae Jordan & Davis 1891:670 [ref. 2437] (family) *Ilyophis* [stem changed to Ilyoph- by Gilbert 1891:351 [ref. 1625] [published after the separate of ref. 2437 ?], confirmed by Regan 1912d:380 [ref. 31893] and by Robins & Robins 1989:234 [ref. 13287]]

Dysommidae Gill 1893b:132 [ref. 26255] (family) *Dysomma* [genus inferred from the stem, Article 11.7.1.1; stem emended to Dysommat- by Steyskal 1980:173 [ref. 14191]; family name sometimes seen

as Dyssommidae or Dyssommatidae]
Todarus Grassi & Calandruccio 1896:349 [ref. 1877] (no family-group name)
Nettodaridae Whitley 1951b:407 [ref. 4715] (family) *Nettodarus* [senior objective synonym of Todaridae Greenwood, Rosen, Weitzman & Myers 1966]
Dysomminidae Böhlke & Hubbs 1951:10 [ref. 32594] (family) *Dysommina* [family name sometimes seen as Dysominidae or Dyssominidae]
Todaridae Greenwood, Rosen, Weitzman & Myers 1966:393 [ref. 26856] (family) *Todarus* Grassi & Calandruccio [name only; junior objective synonym of Nettodaridae Whitley 1951, invalid, Article 61.3.2]
Subfamily Synaphobranchinae Johnson 1862
Synaphobranchidae Johnson 1862:169 [ref. 2357] (family) *Synaphobranchus* [family name sometimes seen as Synapobranchidae]
Subfamily Simenchelyinae Gill 1879
Simenchelyidae Gill in Goode & Bean 1879:27 [ref. 5605] (family) *Simenchelys* [stem changed to Simenchel- by Regan 1912d:381 [ref. 31893]]
Family Ophichthidae Günther 1870 Name in prevailing recent practice, Article 35.5
Subfamily Myrophinae Kaup 1856
Myrophinae Kaup 1856a:53 [ref. 2572] (subfamily) *Myrophis* [also Kaup 1856b:29 [ref. 2573]]
Neenchelidae Bamber 1915:478 [ref. 172] (family) *Neenchelys* [corrected to Neenchelyidae by Jordan 1923a:133 [ref. 2421], confirmed by Fowler 1934b:163 [ref. 32669], by Myers & Storey 1956:21 [ref. 32831] and by Greenwood, Rosen, Weitzman & Myers 1966:393 [ref. 26856]]
Aoteaidae Phillipps 1926:533 [ref. 6447] (family) *Aotea* [Gosline 1971:124 [ref. 26857] used Aotidae; family name sometimes seen as Aoteidae or Aoteridae]
Muraenichthyidae Whitley 1955b:110 [ref. 4722] (family) *Muraenichthys* [name only, used as valid before 2000?; not available]
Benthenchelyini McCosker 1977:13, 57 [ref. 6836] (tribe) *Benthenchelys*
Subfamily Ophichthinae Günther 1870 Name in prevailing recent practice, Article 35.5
Péroptères Duméril 1805:112 [ref. 1151] (family) ? *Caecilia* Lacepède [no stem of the type genus, not available, Article 11.7.1.1]
Ophichthyctes Duméril 1805:153 [ref. 1151] (no family-group name)
Cogridi Rafinesque 1810b:41 [ref. 3595] (ordine) *Cogrus* [published not in latinized form before 1900; not available, Article 11.7.2]
Echelini Rafinesque 1810b:42 [ref. 3595] (ordine) *Echelus* [published not in latinized form before 1900; not available, Article 11.7.2]
Dalofidini Rafinesque 1810b:43 [ref. 3595] (ordine) *Dalophis* [published not in latinized form before 1900; not available, Article 11.7.2]
Monotteridi Rafinesque 1810b:43 [ref. 3595] (ordine) *Pterurus* [no stem of the type genus, not available, Article 11.7.1.1]
Colubrinia Rafinesque 1815:90 [ref. 3584] (subfamily) *Colubrina* [as *Colubrinus*, name must be corrected Article 32.5.3; uncertain availability]
Ophisuria Rafinesque 1815:91 [ref. 3584] (subfamily) *Ophisurus* [stem Ophisur- confirmed by McClelland 1844:158, 172 [ref. 2928]]
Echelia Rafinesque 1815:92 [ref. 3584] (subfamily) *Echelus*
? Ophictia Rafinesque 1815:92 [ref. 3584] (family) ? *Ophichthus* [*Ophichthus* inferable from the stem?, not available]
Apteridia Rafinesque 1815:93 [ref. 3584] (subfamily) ? *Branderius* or *Apterichthus* [no stem of the type genus, not available, Article 11.7.1.1]
Jugulibranchia Latreille 1825:143 [ref. 31889] (family) *Sphagebranchus* [no stem of the type genus, not available, Article 11.7.1.1]
Apterichthini Bonaparte 1831:162, 185 [ref. 4978] (subfamily) *Apterichthus* [stem changed to Apterichthy- by Fitzinger 1873:45 [ref. 31883] based on *Apterichthys*]
Sphagebranchidae Swainson 1838:215 [ref. 4302] (family) *Sphagebranchus* [genus inferred from the stem,

Article 11.7.1.1; Kaup 1856a:49 [ref. 2572] used Sphaegebranchinae (subfamily); Sphagebranchidae used after 1899]

Myrinae Kaup 1859b:6 [ref. 2586] (subfamily) *Myrus*

Brachysomophides Bleeker 1864–65:6, 35 [ref. 4860] (phalanx ≈ tribe) *Brachysomophis*

Leptognathi Bleeker 1864–65:6, 35 [ref. 4860] (phalanx ≈ tribe) *Leptognathus*

Ophichthyina Günther 1870:54 [ref. 1995] (group) *Ophichthus* [as *Ophichthys*, name must be corrected Article 32.5.3; stem corrected to Ophichth- by Poey 1875:85 [ref. 3509] based on *Ophichthys*; stem Ophichth-, based on *Ophichthus*, confirmed by Gosline 1951:298 [ref. 1858], by Steyskal 1980:170 [ref. 14191] and by McCosker, Böhlke & Böhlke 1989:254 [ref. 13288]; family-group name used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Daget, Gosse & Thys van den Audenaerde 1984 [ref. 6168], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Paugy, Lévêque & Teugels 2003a [ref. 29209], Reis *et al.* 2003 [ref. 27061], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007a [ref. 30009], Zhang *et al.* 2010 [ref. 31511], Allen & Erdmann 2012 [ref. 31980]]

Acanthenchelyidae Jordan, Evermann & Clark 1930:89 [ref. 6476] (family) *Acanthenchelys*

Caeculinae Fowler 1951b:3 [ref. 31928] (subfamily) *Caecula* [name only, used as valid before 2000?; not available; also preoccupied in spiders Acari, Article 55.3]

Aprognathodontidae Myers & Storey 1956:11 [ref. 32831] (family) *Aprognathodon* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Callechelyini McCosker 1977:13, 62 [ref. 6836] (tribe) *Callechelys*

Bascanichthyini McCosker 1977:13, 70 [ref. 6836] (tribe) *Bascanichthys*

Family Colocongridae Smith 1976

Colocongridae Greenwood, Rosen, Weitzman & Myers 1966:393 [ref. 26856] (family) *Coloconger* [name only in synonymy, published after 1960, not available]

Colocongridae Smith 1971 [in unpublished Ph. D. dissertation, not available]

Colocongridae Smith in Blache & Bauchot 1976:427 [ref. 305] (family) *Coloconger*

Family Congridae Kaup 1856

Subfamily Congrinae Kaup 1856

Atteridi Rafinesque 1810b:49 [ref. 3595] (ordine) ? *Leptocephalus* [no stem of the type genus, not available, Article 11.7.1.1]

Ophioides Goldfuss 1820:VI, 42 [ref. 1829] (family) ? *Leptocephalus* [no stem of the type genus, not available, Article 11.7.1.1]

Leptocephalini Bonaparte 1845:389 [ref. 32998] (subfamily) *Leptocephalus* Gronow [also Bonaparte 1846:40 [ref. 519]; genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]

Congeridae Kaup 1856a:71 [ref. 2572] (family) *Conger* [also Kaup 1856b:108 [ref. 2573]; stem changed to Congr- by Bleeker 1864–65:5 [ref. 4860], confirmed by Gill 1872:20 [ref. 26254], by Nelson 1976:87 [ref. 32838] and by Nelson 2006:122 [ref. 32486]]

Macrocephenchelyidae Fowler 1934a:275 [ref. 1416] (family) *Macrocephenchelys* [family name sometimes seen as Macrocephenchelidae or Macrocephanchelidae]

Scalanagoinae Whitley 1935a:216 [ref. 4683] (subfamily) *Scalanago*

Urocongrinae Fowler 1958b:15 [ref. 1470] (subfamily) *Uroconger*

Subfamily Bathymyrinae Böhlke 1949 Name in prevailing recent practice

Helmichthyiden Kölliker 1853:100 [ref. 2680] (family) *Helmichthys* [latinized to Helmichthydae by Kaup 1856b:143 [ref. 2573] in synonymy and to Helmichthyidae by Carus 1893:546 [ref. 17975] in synonymy; published not in latinized form before 1900; not available, Article 11.7.2]

Helmichthyoidei Bleeker 1856b:69 [ref. 352] (family) *Helmichthys* [genus inferred from the stem, Article

11.7.1.1; also Bleeker 1859d:232 [ref. 371]]

Bathymyrinae Böhlke 1949:218 [ref. 31914] (subfamily) *Bathymyrus* [family-group name used as valid by: Nelson 1976 [ref. 32838], Blache 1977 [ref. 22893], Nelson 1984 [ref. 13596], van Utrecht 1988 [ref. 16288], Castle 1990 [ref. 15487], Nelson 1994 [ref. 26204], Castle 1997 [ref. 22878], Eschmeyer 1998 [ref. 23416], Shen 1998 [ref. 23445], Nelson 2006 [ref. 32486], Zhang *et al.* 2010 [ref. 31511]]

Anagoinae Asano 1962:70 [ref. 33049] (subfamily) *Anago*

Subfamily Heterocongrinae Günther 1870

Heterocongrina Günther 1870:44 [ref. 1995] (group) *Heteroconger*

Family Muraenesocidae Kaup 1859

Muraenesocinae Kaup 1859b:6, 19 [ref. 2586] (subfamily) *Muraenesox* [Fowler 1958a:3 [ref. 31840] used Muroenesocinae based on *Muroenesox*]

Gavialicipitinae Gill 1893b:133 [ref. 26255] (subfamily) *Gavialiceps* [genus inferred from the stem, Article 11.7.1.1]

Sauromuraenesocidae Jordan 1923a:130 [ref. 2421] (family) *Sauromuraenesox*

Family Derichthyidae Gill 1884

Derichthyidae Gill 1884a:433 [ref. 1728] (family) *Derichthys* [also in Gill 1884b:620 [ref. 33060]]

Nessorhamphidae Schmidt 1931:373 [ref. 3933] (family) *Nessorhamphus*

Family Nemichthyidae Kaup 1859

Nemichthinae Kaup 1859b:6 [ref. 2586] (subfamily) *Nemichthys* [stem corrected to Nemichthy- by Günther 1870:21 [ref. 1995], confirmed by Jordan 1923a:132 [ref. 2421], by Nelson 1976:84 [ref. 32838] and by Smith & Nielsen 1989:441 [ref. 13285]]

Avocettinidés Roule & Bertin 1924:66 [ref. 3828] (family) *Avocettina* [published not in latinized form after 1899, not available]

Avocettinopsidés Roule & Bertin 1924:66 [ref. 3828] (family) *Avocettinops* [published not in latinized form after 1899, not available]

Avocettinidés Roule & Bertin 1929:5, 58 [ref. 3829] (family) *Avocettina* [published not in latinized form after 1899, not available]

Avocettinopsidés Roule & Bertin 1929:5, 58 [ref. 3829] (family) *Avocettinops* [published not in latinized form after 1899, not available]

Avocettinidae Roule & Bertin 1931 [unpaginated] [ref. 32835] (family) *Avocettina*

Avocettinopsidae Roule & Bertin 1931 [unpaginated] [ref. 32835] (family) *Avocettinops*

Labichthyinae Fowler 1958b:15 [ref. 1470] (subfamily) *Labichthys*

Family Serrivomeridae Trewavas 1932 Name in prevailing recent practice, Article 35.5

Spinivomerinae Gill 1893b:133 [ref. 26255] (subfamily) *Spinivomer* [genus inferred from the stem, Article 11.7.1.1]

Serrivoméridés Roule & Bertin 1924:66 [ref. 3828] (family) *Serrivomer* [published not in latinized form after 1899, not available]

Serrivoméridés Roule & Bertin 1929:5, 59 [ref. 3829] (family) *Serrivomer* [published not in latinized form after 1899, not available]

Serrivomeridae Trewavas 1932:639, 650 [ref. 32836] (family) *Serrivomer* [Serrivomeridae used as valid by: Bertin & Arambourg 1958, Bauchot 1959 [ref. 15993], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Clarke 1984 [ref. 6814], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Böhlke 1989 [ref. 13282], Paxton *et al.* 1989 [ref. 12442], Tighe 1989 [ref. 25417], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Zhang *et al.* 2010 [ref. 31511]]

Family Nettastomatidae Kaup 1859

Nettastominae Kaup 1859b:6 [ref. 2586] (subfamily) *Nettastoma* [stem corrected to Nettastomat- by Whitley 1935a:216 [ref. 4683], confirmed by Lindberg 1971:100 [ref. 27211], by Steyskal 1980:173 [ref. 14191], by Smith 1989:568 [ref. 13285] and by Nelson 2006:123 [ref. 32486]; family name sometimes seen as Nettastomidae]

Saurenchelidae Grassi 1913:25, 27 [ref. 29912] (family) *Saurenchelys*

Order Saccopharyngiformes

Family Cyematidae Regan 1912

Cyemidae Regan 1912d:380, 384 [ref. 31893] (family) *Cyema* [changed to Cyématidés by Roule & Bertin 1929:5, 58 [ref. 3829]; emended to Cyematidae by Steyskal 1980:173 [ref. 14191], confirmed by Smith 1989:630 [ref. 13285] and by Nelson 2006:124 [ref. 32486]]

Family Saccopharyngidae Bleeker 1859

Saccopharyngoidei Bleeker 1859d:XXXIII [ref. 371] (family) *Saccopharynx* [ICZN Opinion 1603; family name sometimes seen as Saccopharynigidae]

Family Eurypharyngidae Gill 1883

Eurypharyngidae Gill 1883a:231 [ref. 32595] (family) *Eurypharynx*

Gastrostomidae Fowler 1928:34 [ref. 5596] (family) *Gastrostomus*

Family Monognathidae Trewavas 1937

Monognathidés Bertin 1936:540 [ref. 292] (family) *Monognathus* [published not in latinized form after 1899, not available]

Monognathidae Trewavas 1937:71 [ref. 33051] (family) *Monognathus*

Order Clupeiformes

Family Denticipitidae Clausen 1959

Denticipitidae Clausen 1959:142 [ref. 842] (family) *Denticeps*

Igborichthyidae Clausen 1959:142 [ref. 842] (family) *Igborichthys* [as an alternative name for Denticipitidae, not available]

Family Clupeidae Cuvier 1816

Clupidi Rafinesque 1810b:32 [ref. 3595] (ordine) *Clupea* [published not in latinized form before 1900; not available, Article 11.7.2]

Clupes Cuvier 1816:171 [ref. 993] (family) *Clupea* [latinized to Clupeae by Jarocki 1822:27, 47 [ref. 4984]; latinized to Clupeoides by Schinz 1822:292 [ref. 3926]; latinized to Clupeidae by Bonaparte 1831:161, 182 [ref. 4978]; latinized to Clupeoides by Minding 1832:VI, 78 [ref. 3022]; considered valid with this authorship by Guichenot 1839:1 [ref. 33128], Müller 1845:131 [ref. 32591], by Nolf 1985:46 [ref. 32698], by Patterson 1993:628 [ref. 32940], by Bogutskaya & Naseka 2004:32 [ref. 28183] and by Sheiko 2013:35 [ref. 32944] Article 11.7.2]

Leptocephala Goldfuss 1820:V, 12 [ref. 1829] (family) ? *Clupea* [no stem of the type genus, not available, Article 11.7.1.1]

Thryssae Swainson 1838:282 [ref. 4302] (no family-group name)

Chatoessi Swainson 1838:282 [ref. 4302] (no family-group name)

Chatoessiformes Bleeker 1859d:XXXI [ref. 371] (subfamily) *Chatoessus* [Günther 1868:406 [ref. 1990] used Chatoëssina based on *Chatoëssus*]

Dorosomatinae Gill 1861a:55 [ref. 1766] (subfamily) *Dorosoma* [stem changed to Dorosom- by Gill 1873:789 [ref. 17631]; original stem Dorosomat- confirmed by Meek 1904:92 [ref. 2958], by Weber & de Beaufort 1913:23 [ref. 16092], by Nelson & Rothman 1973:138 [ref. 7578] and by Nelson 1976:76 [ref. 32838]; family name sometimes seen as Dorysomatidae]

Hyperlophinae Ogilby 1897:69 [ref. 3272] (subfamily) *Hyperlophus*

Spratelloidinae Jordan 1925:41 [ref. 2428] (subfamily) *Spratelloides*

Ehiravidae Deraniyagala 1929:31 [ref. 1115] (family) *Ehirava*

Anadontostomidae [Anodontostomidae] Herre 1933:6 [ref. 21453] (family) *Anodontostoma* [name only, but used as valid and the stem corrected to Anodontostom- by Fowler 1958b:6 [ref. 1470] Article 13.2.1; preoccupied by Anodontostomini Bleeker 1859 based on *Anodus* in fishes, invalid, Article 55.3; stem emended to Anodontostomat-by Nelson & Rothman 1973:138 [ref. 7578]; not preoccupied by Anodontostominae Verhoeff 1907 in Myriopoda, that name being based on the invalid genus *Anodontostoma* Tömäsvary 1883]

Clupanodontidae Whitley 1943a:170 [ref. 4703] (family) *Clupanodon* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid by Whitley 1943b:130 [ref. 4702] and by Fowler 1958b:6 [ref. 1470] Article 13.2.1; stem sometimes seen as Clupanodon-]

Brevoortiinae Fowler 1948:14 [ref. 5600] (subfamily) *Brevoortia*
Nematalosidae Deraniyagala 1952:2, 8, 21 [ref. 12768] (family) *Nematalosa*
Pellonulinae Svetovidov 1952:93 [ref. 21481] (subfamily) *Pellonula*
Alosinae Svetovidov 1952:93 [ref. 21481] (subfamily) *Alosa*
Opisthoneminae Fowler 1958b:6 [ref. 1470] (subfamily) *Opisthonema*
Gudusiinae Fowler 1958b:6 [ref. 1470] (subfamily) *Gudusia*
Congothrissidae Poll 1964:6 [ref. 3523] (family) *Congothrissa*

Family Dussumieriidae Gill 1861
Dussumierinae Gill 1861a:55 [ref. 1766] (subfamily) *Dussumieria* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Dussumieri- by Günther 1868:382, 464 [ref. 1990], confirmed by Jordan 1923a:121 [ref. 2421], by Nelson 1976:76 [ref. 32838] and by Nelson 2006:132 [ref. 32486]; family name sometimes seen as Dussumeriidae]
Etrumeidi Fowler 1958b:5 [ref. 1470] (tribe) *Etrumeus*
Parahaleculidi Fowler 1958b:5 [ref. 1470] (tribe) *Parahalecula*

Family Engraulidae Gill 1861 Spelling in prevailing recent practice
Engraulinae Gill 1861a:55 [ref. 1766] (subfamily) *Engraulis* [stem corrected to Engraulid- by Gill 1872:17 [ref. 26254], confirmed by Goode 1876:70 [ref. 1832], by Steyskal 1980:170 [ref. 14191], by Whitehead, Nelson & Wongratana 1988:306 [ref. 5725] and by Kottelat 2013b:52 [ref. 32989]; Eschmeyer 1998:2455 [ref. 23416], Zhang 2001:119 [ref. 26586] and Nelson 2006:130 [ref. 32486] used Engraulidae]
Stolephoriformes Bleeker 1870–75:89, 125 [ref. 428] (subfamily) *Stolephorus* [stem Stolephor- confirmed by Fowler 1931b:111 [ref. 32510]]
Coilianini Bleeker 1870–75:137 [ref. 428] (phalanx ≈ tribe) *Coilia* [stem corrected to Coili- by Jordan & Seale 1925:28 [ref. 2499], confirmed by Fowler 1931c:198 [ref. 32511], by Whitehead, Nelson & Wongratana 1988:306 [ref. 5725] and by Nelson 2006:131 [ref. 32486]]
Anchoviinae Jordan & Seale 1925:28 [ref. 2499] (subfamily) *Anchovia* [on p. 30 as Anchoviina]
Setipinninae Fowler 1931c:198 [ref. 32511] (subfamily) *Setipinna*
Cetengraulidi Fowler 1958b:6 [ref. 1470] (tribe) *Cetengraulis*

Family Chirocentridae Bleeker 1849
Nudicipites Latreille 1825:121 [ref. 31889] (tribe) *Chirocentrus* [no stem of the type genus, not available, Article 11.7.1.1]
Chirocentroidei Bleeker 1849:6 [ref. 320] (family) *Chirocentrus* [sometimes seen as Chirocentroïdei]

Family Pristigasteridae Bleeker 1872 Name and spelling in prevailing recent practice
Xiphonoti Goldfuss 1820:VII, 49 [ref. 1829] (family) ? *Gnathobolus* [no stem of the type genus, not available, Article 11.7.1.1]
Pellonae Gill 1861c:34, 37 [ref. 1767] (group) *Pellona* [stem Pellon- confirmed by Nelson 2006:129 [ref. 32486]]
Pristigastrini Bleeker 1870–75:116 [ref. 428] (phalanx ≈ tribe) *Pristigaster* [stem changed to Pristigaster- by Jordan & Evermann 1896a:418 [ref. 2443], confirmed by Svetovidov 1952:94 [ref. 21481], Lindberg 1971:70 [ref. 27211] and by Nelson 1976:76 [ref. 32838]; original stem Pristigastr- confirmed by Steyskal 1980:174 [ref. 14191] and by Kottelat 2013b:49 [ref. 32989]; Zhang 2001:108 [ref. 26586], Nelson *et al.* 2004:66 [ref. 27807] and Nelson 2006:129 [ref. 32486] used Pristigasteridae]
Odontognathima Fowler 1931b:112 [ref. 32510] (tribe?) *Odontognathus* [corrected to Odontognathinae by Fowler 1941a:579 [ref. 6536] (subfamily)]
Ilishinae Fowler 1948:14 [ref. 5600] (subfamily) *Ilisha*

Family Sundasalangidae Roberts 1981
Sundasalangidae Roberts 1981:297 [ref. 6588] (family) *Sundasalanx*

Order Gonorynchiformes

Family Chanidae Günther 1868 Name in prevailing recent practice
Lutodeires Valenciennes in Cuvier & Valenciennes 1847:179 [ref. 4883] (family) *Lutodeira* [published not in latinized form before 1900; not available, Article 11.7.2]

Lutodeirae Bleeker 1849:6 [ref. 320] (family) *Lutodeira* [genus inferred from the stem, Article 11.7.1.1; stem Lutodeir- confirmed by Bleeker 1859d:XXX [ref. 371]; family-group name not used as valid after 1899; family name sometimes seen as Lutodiridae]

Chanina Günther 1868:382, 473 [ref. 1990] (group) *Chanos* [Chanidae used as valid by: Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Daget, Gosse & Thys van den Audenaerde 1984 [ref. 6168], Nelson 1984 [ref. 13596], Duffy & Bernard 1985 [ref. 22646], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Allen & Robertson 1994 [ref. 22193], Bagarinao 1999 [ref. 24730], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Springer & Raasch 1995:102 [ref. 25656], Lee & Joo 1997 [ref. 25728], Eschmeyer 1998 [ref. 23416], Zhang 2001 [ref. 26586], Allen, Midgley & Allen 2002 [ref. 25930], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2012 [ref. 31980]; family-name sometimes seen as Chanoidae]

Family Gonorynchidae Richardson 1848

Gonorhynchidae Richardson 1844–48:v [ref. 3740] (family) *Gonorynchus* [as *Gonorhynchus*, name must be corrected Article 32.5.3; stem corrected to Gonorynch- by Fowler 1941a:728 [ref. 6536], confirmed by Nelson 1976:113 [ref. 32838] and by Nelson 2006:136 [ref. 32486]]

Rynchaenae Kner 1867:342 [ref. 18426] *Rynchana* [genus inferable from the stem?; no valid type genus, not available, Article 11.7.1.1]

Family Kneriidae Günther 1868

Kneriidae Günther 1868:372 [ref. 1990] (family) *Kneria*

Cromeriidae Boulenger 1904a:165 [ref. 15112] (family) *Cromeria* [also Boulenger 1904b:573 [ref. 31880]]

Grasseichthyidae Géry 1964a:4805 [ref. 1581] (family) *Grasseichthys*

Family Phractolaemidae Boulenger 1901

Phractolaemidae Boulenger 1901:5 [ref. 559] (family) *Phractolaemus*

Order Cypriniformes

Family Cyprinidae Rafinesque 1815

Subfamily: No subfamily (unplaced)

? Oxygastri Bleeker 1860a:438 [ref. 370] (series) ? *Smiliogaster* [also Bleeker 1860c:262 [ref. 380]; no stem of the type genus, not available, Article 11.7.1.1; not based on *Oxygaster* Kottelat 2013b:68 [ref. 32989]]

Semiploti Bleeker 1863–64:25 [ref. 4859] (phalanx) *Semiplotus* [also Bleeker 1863b:195 [ref. 397]; stem Semiplot- confirmed by Günther 1868:203 [ref. 1990]]

Osteobramae 1863–64:28 [ref. 4859] (phalanx) *Osteobrama* [also Bleeker 1863b:201 [ref. 397]; no valid type genus, not available, Article 11.7.1.1]

Catlae Bleeker 1863–64:28 [ref. 4859] (phalanx) *Catla* [also Bleeker 1863b:201 [ref. 397]; stem Catl- confirmed by Rainboth 1996:105 [ref. 22772]; senior objective synonym of Gibeliontinae Fowler 1951]

Smiliogastrini Bleeker 1863–64:33 [ref. 4859] (stirps) *Smiliogaster* [also Bleeker 1863b:214 [ref. 397]]

Elopichthyini Berg 1912:23 [ref. 5874] (tribe) *Elopichthys*

Gibeliontinae Fowler 1951b:3 [ref.31928] (subfamily) *Gibelion* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid, as Gibelioninae, by Fowler 1958b:13 [ref. 1470] Article 13.2.1; junior objective synonym of Catlae Bleeker 1863, invalid, Article 61.3.2]

Rohteeinae Fowler 1958b:11 [ref.1470] (subfamily) *Rohtee*

Torinae Karaman 1971:222 [ref. 2560] (subfamily) *Tor*

Lepidopygopsini Mirza 1991:340 [ref. 19441] (tribe) *Lepidopygopsis*

Osteobramae Rainboth 1991:170, 171 [ref. 32596] (subtribe) *Osteobrama* [name only, published after 1960, not available, Article 13.1.1]

Poropuntii Rainboth 1991:170, 172 [ref. 32596] (subtribe) *Poropuntius* [name only, published after 1960, not available, Article 13.1.1]

Osteobramae Rainboth 1996:85 [ref. 22772] (tribe) *Osteobrama* [name only, published after 1960, not available, Article 13.1.1]

Thynnichthyni [Thynnichthyini] Menon 1999:54 [ref. 24904] (tribe) *Thynnichthys*
Poropuntini [Poropuntiini] Menon 1999:67 [ref. 24904] (tribe) *Poropuntius*
Schizocyprini Mirza & Afridi 2002:172 [ref. 26429] (tribe) *Schizocypris*
Puntioplitini Nguyen & Ho 2003:1129 [ref. 33123] (tribe) *Puntioplites*
Subfamily Acheilognathinae Bleeker 1863
Acheilognathini Bleeker 1863–64:32 [ref. 4859] (stirps) *Acheilognathus* [also Bleeker 1863b:213 [ref. 397]]
Rhodeina Günther 1868:276 [ref. 1990] (group) *Rhodeus*
Acanthorhodeinae Kryzanowsky 1947:55 [ref. 32215] (subgroup) *Acanthorhodeus*
Subfamily Cyprininae Rafinesque 1815
Ciprinidi Rafinesque 1810b:32 [ref. 3595] (ordine) *Cyprinus* [published not in latinized form before 1900; not available, Article 11.7.2]
Cyprinia Rafinesque 1815:88 [ref. 3584] (family) *Cyprinus*
? Gymnopomia Rafinesque 1815:88 [ref. 3584] (subfamily) ? *Cyprinus* [no stem of the type genus, not available, Article 11.7.1.1]
Carpionini Bleeker 1863–64:24 [ref. 4859] (stirps) *Carpio* [also Bleeker 1863b:191 [ref. 397]]
Aulopygini Bleeker 1863–64:30 [ref. 4859] (stirps) *Aulopyge* [also Bleeker 1863b:207 [ref. 397]; stem Aulopyg- confirmed by Jordan 1878:790 [ref. 2377]]
Carassii Jordan 1878:790 [ref. 2377] (group) *Carassius*
Subfamily Barbinae Bleeker 1859 Name in prevailing recent practice
? Sarcoborinae McClelland 1838:943 [ref. 2924] (subfamily) ? *Systomus* [no stem of the type genus, not available, Article 11.7.1.1]
Schizothoracinae McClelland 1842:575 [ref. 2926) (subfamily) *Schizothorax*
? Macroentri Heckel 1843:64 [ref. 2066] (Abtheilung) ? *Barbus* [no stem of the type genus, not available, Article 11.7.1.1]
Barbini Bleeker 1859d:XXIX [ref. 371] (stirps) *Barbus* [family-group name used as valid by: Kryzanowsky 1947 [ref. 32215], Chen, Yue & Lin 1984, Cui & Li 1984 [ref. 8236], Wu 1987 [ref. 12822], Rainboth 1991 [ref. 32596], Nelson 1994 [ref. 26204], Bianco 1998 [ref. 23811], Bănărescu 1999 [ref. 24846], Lan, Zhao & Zhang 2004 [ref. 27903], Nelson 2006 [ref. 32486], Yuan & Zhang 2010 [ref. 31052], Zhu, Zhu & Lan 2011 [ref. 31277]]
? Amblygastri Bleeker 1860a:429 [ref. 370] (series) ? *Racoma* [no stem of the type genus, not available, Article 11.7.1.1]
? Acanthophori Bleeker 1860a:429 [ref. 370] (subseries) ? *Racoma* [no stem of the type genus, not available, Article 11.7.1.1]
Opistocheili Bleeker 1863–64:25 [ref. 4859] (phalanx) *Opistocheilus* [also Bleeker 1863b:196 [ref. 397]; no valid type genus, not available, Article 11.7.1.1]
Oreini Bleeker 1863–64:26 [ref. 4859] (phalanx) *Oreinus* [also Bleeker 1863b:196 [ref. 397]; stem Orein- confirmed by Fowler 1958a:3 [ref. 31840] and by Rainboth 1991:170 [ref. 32596]]
Systomi Bleeker 1863–64:27 [ref. 4859] (phalanx) *Systomus* [also Bleeker 1863b:199 [ref. 397]; no valid type genus, not available, Article 11.7.1.1]
Mystinae Fowler 1905b:483 [ref. 1370] (subfamily) *Mystus* Walbaum [no available type genus, not available, Article 11.7.1.1]
Puntiini Karaman 1971:187 [ref. 2560] (tribe) *Puntius*
Diptychini Mirza 1991:340 [ref. 19441] (tribe) *Diptychus*
Schizopygopsini Mirza 1991:340 [ref. 19441] (tribe) *Schizopygopsis*
Systomini Rainboth 1991:170 [ref. 32596] (tribe) *Systomus* [name only, published after 1960, not available, Article 13.1.1]
Systomini Rainboth 1996:85 [ref. 22772] (tribe) *Systomus* [name only, published after 1960, not available, Article 13.1.1]
Systomi Rainboth 1996:101 [ref. 22772] (subtribe) *Systomus* [name only, published after 1960, not available, Article 13.1.1]
Subfamily Labeoninae Bleeker 1859 Name in prevailing recent practice
? Paeonomiae McClelland 1838:943 [ref. 2924] (subfamily) ? *Cirrhinus* [corrected to Paeonominae by

McClelland 1839:225, 261, 264 [ref. 2923]; no stem of the type genus, not available, Article 11.7.1.1]

? Apalopterinae McClelland 1839:226, 261, 299 [ref. 2923] (subfamily) ? *Platycara* [no stem of the type genus, not available, Article 11.7.1.1]

Platycarinae Macleay 1841:271 [ref. 32498] (family) *Platycara* [also Macleay 1842:204 [ref. 32499]]

Temnochilae Heckel 1847:280, 281 [ref. 2068] (Abtheilung) ? *Labeo* [no stem of the type genus, not available, Article 11.7.1.1]

Labeonini Bleeker 1859d:XXVIII [ref. 371] (stirps) *Labeo* [family-group name used as valid by: Rainboth 1991 [ref. 32596], Nelson 1994 [ref. 26204], Yue *et al.* 2000 [ref. 25272], Zhang & Chen 2004 [ref. 27930], Li, Ran & Chen 2006 [ref. 29057], Nelson 2006 [ref. 32486], Zhang & Kottelat 2006 [ref. 28711], Zhang, Qiang & Lan 2008 [ref. 29452], Yang & Mayden 2010, Zheng, Yang, Chen & Wang 2010 [ref. 30961], Zhu, Zhang, Zhang & Han 2011 [ref. 31305], Yang *et al.* 2012a, Yang *et al.* 2012b [ref. 32362]]

? Phalacrognathini Bleeker 1860a:422 [ref. 370] (cohors) ? *Labeo* [no stem of the type genus, not available, Article 11.7.1.1]

Garrae Bleeker 1863–64:24 [ref. 4859] (phalanx) *Garra* [also Bleeker 1863b:191 [ref. 397]; stem Garr- confirmed by Smith 1945:259 [ref. 4056], by Cavender & Coburn in Mayden 1992:322 [ref. 23260], by Mirza 2000:356 [ref. 25207], by Zhang, Qiang & Lan 2008 [ref. 29452] and by Yang & Mayden 2010:262; stem changed to Garra- by Menon 1999:139 [ref. 24904]]

Gymnostomi Bleeker 1863–64:26 [ref. 4859] (phalanx) *Gymnostomus* [also Bleeker 1863b:197 [ref. 397]; stem Gymnostom- confirmed by Fowler 1958a:3 [ref. 31840]]

Rohteichthyina Günther 1868:191 [ref. 1990] (group) *Rohteichthys*

Discognathina Kryzanowsky 1947:63 [ref. 32215] (tribe) *Discognathus* [name only, used as valid before 2000?; not available]

Parapsilorhynchidae Babu Rao & Yazdani 1978:130 [ref. 16677] (family) *Parapsilorhynchus*

Banganina Zhang & Chen 2004:25, 26 [ref. 27930] (subtribe) *Bangana* [not published according to the rules, not available]

Osteochilina Yang *et al.* 2012:368 (subtribe) *Osteochilus* ["tentatively proposed", not published according to the rules, not available]

Semilabeoina Yang *et al.* 2012:368 (subtribe) *Semilabeo* ["tentatively proposed", not published according to the rules, not available]

Subfamily Tincinae Jordan 1878

Tincae Jordan 1878:790 [ref. 2377] (group) *Tinca* [stem Tinc- confirmed by Kryzanowsky 1947:57 [ref. 32215]]

Subfamily Xenocypridinae Günther 1868

Xenocypridina Günther 1868:205 [ref. 1990] (group) *Xenocypris* [stem changed to Xenocyprin- by Nichols 1943:10 [ref. 26787], confirmed by Yang in Wu 1964:121 [ref. 4806] and by Cavender & Coburn in Mayden 1992:321 [ref. 23260]; about 1980 the stem changed to Xenocypr-, confirmed by Nelson 2006:142 [ref. 32486]; three spellings are used: Xenocyprinae, Xenocyprininae and Xenocypridinae; Xenocypridinae is correct Kottelat 2013b:69 [ref. 32989]]

Hypophthalmichthyina Günther 1868:298 [ref. 1990] (group) *Hypophthalmichthys*

Opsariichthyini Rendahl 1928:41 [ref. 3702] (tribe) *Opsariichthys*

Cultrinae Kryzanowsky 1947:55 [ref. 32215] (subgroup) *Culter*

Oxygastrinae Fowler 1951b:3 [ref.31928] (subfamily) *Oxygaster* [name only, but used as valid, as Oxygastrini, by Rainboth 1996:67 [ref. 22772] and by Menon 1999:10 [ref. 24904] Article 13.2.1]

Squaliobarbini Rainboth 1991:170 [ref. 32596] (tribe) *Squaliobarbus* [name only, but bibliographic reference to the description by Howes 1981:40 [ref. 14200] Article 13.1.2; name also used as valid by Cavender and Coburn in Mayden 1992:321 [ref. 23260]]

Ctenopharyngodoninae Hosoya in Nakabo 1993:222, 1258 [ref. 33124] (subfamily) *Ctenopharyngodon* [name only, but bibliographic reference to the description by Howes 1981:40 [ref. 14200] Article 13.1.2, see also the English second edition (2002):1464; correct stem is Ctenopharyngodont- Kottelat 2013b:68 [ref. 32989]]

Tanichthyidae Chen & Mayden 2009:547, 549 (family) *Tanichthys* [not published according to the rules,

not available]
Tanichthyidae Mayden & Chen 2010:172 [ref. 32164] (family) *Tanichthys*
Subfamily Gobioninae Bleeker 1863
Gobiones Bleeker 1863–64:30 [ref. 4859] (phalanx) *Gobio* [also Bleeker 1863b:208 [ref. 397]; stem changed to Gobi- by Berg 1912:22 [ref. 5874], not based on *Gobius*; stem changed to Gobio- by Nichols 1943:10 [ref. 26787]; Bănărescu & Nalbant 1973:1 [ref. 173] and Nelson 2006:142 [ref. 32486] used the original stem Gobion-]
Gobiobotinae Mori 1933:114 [ref. 7968] (subfamily) *Gobiobotia* [correct stem is Gobioboti- Jiang & Zhang 2013:177 [ref. 32958] and Kottelat 2013b:67 [ref. 32989]]
Armatogobionina Kryzanowsky 1947:56 [ref. 32215] (tribe) *Armatogobio*
Sarcochilichthyna [Sarcocheilichthyina] Kryzanowsky 1947:56 [ref. 32215] (tribe) *Sarcocheilichthys*
Pseudogobioninae Kryzanowsky 1947:56 [ref. 32215] (subgroup) *Pseudogobio*
Subfamily Leuciscinae Bonaparte 1835
Leuciscini Bonaparte 1835:[14] [ref. 32242] (subfamily) *Leuciscus* [genus inferred from the stem, Article 11.7.1.1; also Bonaparte 1837:[7] [ref. 32243]]
Scardinii Bonaparte 1839:fasc. 24, puntate 125 [ref. 4895] (no family-group name) [also Bonaparte 1841:Introduzione [18] [ref. 515]]
? Brachyentri Heckel 1843:64 [ref. 2066] (Abtheilung) ? *Leuciscus* [no stem of the type genus, not available, Article 11.7.1.1]
? Pachychilae Heckel 1847:280 [ref. 2068] (Abtheilung) ? *Exoglossum* [no stem of the type genus, not available, Article 11.7.1.1]
Chondrostomi Agassiz 1855:94 [ref. 71] (tribe) *Chondrostoma* [stem corrected to Chondrostomat- by Jordan 1877:59 [ref. 2374], confirmed by Jordan 1878:786 [ref. 2377] and by Meek 1904:43 [ref. 2958]]
Pogonichthi Girard 1858:242 [ref. 4911] (tribe) *Pogonichthys* [correct stem is Pogonichthy-]
Abramiformes Dybowski 1862:33, 35, 314 [ref. 1168] (subfamily) *Abramis* [stem changed to Abramid- by Günther 1868:299 [ref. 1990], confirmed by Jordan 1878:790 [ref. 2377] and by Weber & de Beaufort 1916:44 [ref. 4604]; senior objective synonym of Bramae Bleeker 1863]
? Paralabeonini Bleeker 1863–64:29 [ref. 4859] (stirps) ? *Cochlognathus* [also Bleeker 1863b:204 [ref. 397]; no stem of the type genus, not available, Article 11.7.1.1]
Cochlognathi Bleeker 1863–64:29 [ref. 4859] (phalanx) *Cochlognathus* [also Bleeker 1863b:204 [ref. 397]]
Laviniae Bleeker 1863–64:29 [ref. 4859] (phalanx) *Lavinia* [also Bleeker 1863b:204 [ref. 397]; stem Lavini- confirmed by Fowler 1951b:3 [ref.31928] and by Fowler 1958a:3 [ref. 31840]]
Phoxini Bleeker 1863–64:31 [ref. 4859] (phalanx) *Phoxinus* [also Bleeker 1863b:208 [ref. 397]]
Acanthobramae Bleeker 1863–64:31 [ref. 4859] (phalanx) *Acanthobrama* [also Bleeker 1863b:210 [ref. 397]]
Bramae Bleeker 1863–64:31 [ref. 4859] (phalanx) *Brama* Klein [also Bleeker 1863b:210 [ref. 397]; invalid, Article 39]
Aspii Bleeker 1863–64:32 [ref. 4859] (phalanx) *Aspius* [also Bleeker 1863b:212 [ref. 397]; stem Aspi- confirmed by Fowler 1951b:3 [ref.31928], by Fowler 1958a:3 [ref. 31840] and by Rainboth 1991:171 [ref. 32596]; stem changed to Aspin- by Bogutskaya 1994:616 [ref. 23569]]
Gardonini Walecki 1864:43, 107 [ref. 22969] (subfamily) *Gardonus*
Cochlobori Cope 1867:354 [ref. 910] (tribe) *Exoglossum* [no stem of the type genus, not available, Article 11.7.1.1]
Coelophori Cope 1867:355 [ref. 910] (tribe) *Ericymba* [no stem of the type genus, not available, Article 11.7.1.1]
Epicysti Cope 1867:355 [ref. 910] (tribe) ? *Hybopsis* [no stem of the type genus, not available, Article 11.7.1.1]
Mesocysti Cope 1867:355 [ref. 910] (tribe) *Campostoma* [no stem of the type genus, not available, Article 11.7.1.1]
Plagopterinae Cope 1874:129 [ref. 932] (subfamily) *Plagopterus*
Campostominae Jordan 1877:56 [ref. 2374] (subfamily) *Campostoma* [stem changed to Campostomat- by Jordan 1878:786 [ref. 2377]; original stem Campostom- confirmed by Jordan & Gilbert 1883:145 [ref.

2476]]
Exoglossinae Jordan 1877:60 [ref. 2374] (subfamily) *Exoglossum* [also Jordan 1878:789 [ref. 2377]]
Graodontinae Jordan 1877:60 [ref. 2374] (subfamily) *Graodus* [also Jordan 1878:788, 789 [ref. 2377]]
Acrochili Jordan 1878:789 [ref. 2377] (group) *Acrocheilus* [as *Acrochilus*, name must be corrected Article 32.5.3; stem corrected to Acrocheil- by Cockerell 1909:210 [ref. 32166]]
Orthodontes Jordan 1878:789 [ref. 2377] (group) *Orthodon*
Chrosomi Jordan 1878:789 [ref. 2377] (group) *Chrosomus* [stem Chrosom- confirmed by Cockerell & Callaway 1909a:122 [ref. 32165]]
Hybognathi Jordan 1878:789 [ref. 2377] (group) *Hybognathus*
Tiarogae Jordan 1878:789 [ref. 2377] (group) *Tiaroga*
Luxili Jordan 1878:789 [ref. 2377] (group) *Luxilus*
Ericymbae Jordan 1878:789 [ref. 2377] (group) *Ericymba*
Phenacobii Jordan 1878:789 [ref. 2377] (group) *Phenacobius*
Rhinichthyes Jordan 1878:789 [ref. 2377] (group) *Rhinichthys* [as *Rhinichthyes*]
Ceratichthyes Jordan 1878:789 [ref. 2377] (group) *Ceratichthys*
Mylochili Jordan 1878:790 [ref. 2377] (group) *Mylocheilus* [as *Mylochilus*, name must be corrected Article 32.5.3]
Mylopharodontes Jordan 1878:790 [ref. 2377] (group) *Mylopharodon* [stem Mylopharodont- confirmed by Jordan & Evermann 1896a:202 [ref. 2443]]
Peleci Jordan 1878:790 [ref. 2377] (group) *Pelecus* [stem Pelec- confirmed by Kryzanowsky 1947:58 [ref. 32215]]
Medinae Gill 1890a:3685 [ref. 32974] (subfamily) *Meda*
Pimephalinae Cockerell & Callaway 1909a:122 [ref. 32165] (subfamily) *Pimephales*
Notropinae Cockerell & Callaway 1909b:189 [ref. 876] (subfamily) *Notropis*
Pseudaspinini Bogutskaya 1990:925 [ref. 32597] (tribe) *Pseudaspius*

Subfamily Danioninae Bleeker 1863
? Sarcoborinae McClelland 1839:221, 226, 261, 283 [ref. 2923] (subfamily) ? *Perilampus* [no stem of the type genus, not available, Article 11.7.1.1]
? Anacanthonoti Bleeker 1860a:432 [ref. 370] (subseries) ? *Chedrus* [no stem of the type genus, not available, Article 11.7.1.1]
Daniones Bleeker 1863–64:29 [ref. 4859] (phalanx) *Danio* [also Bleeker 1863b:203 [ref. 397]]
Chedri Bleeker 1863–64:30 [ref. 4859] (phalanx) *Chedrus* [also Bleeker 1863b:207 [ref. 397]; stem Chedr- confirmed by Rainboth 1996:70 [ref. 22772]]
Laubucae Bleeker 1863–64:33 [ref. 4859] (phalanx) *Laubuka* [as *Laubuca*, name must be corrected Article 32.5.3; also Bleeker 1863b:215 [ref. 397]; correct stem is Laubuk-]
Chelae Bleeker 1863–64:33 [ref. 4859] (phalanx) *Chela* [also Bleeker 1863b:215 [ref. 397]]
Rasborina Günther 1868:193 [ref. 1990] (group) *Rasbora*
Bariliinae Regan 1922:205, 207 [ref. 33053] (subfamily) *Barilius*
Neobolini Rainboth 1996:70 [ref. 22772] (tribe) *Neobola* [name only, published after 1960, not available, Article 13.1.1]
Aspidoparinae Mirza 2000:355, 356 [ref. 25207] (subfamily) *Aspidoparia*
Paedocypprididae Mayden & Chen 2010:172 [ref. 32164] (family) *Paedocypris*
Sundadanionidae Mayden & Chen 2010:172 [ref. 32164] (family) *Sundadanio*

Subfamily Alburninae Girard 1858
Alburni Girard 1858:255 [ref. 4911] (tribe) *Alburnus*

Subfamily Leptobarbinae Bleeker 1864
Leptobarbi Bleeker 1863–64:116 [ref. 4859] (sousdivision) *Leptobarbus*[stem Leptobarb- confirmed by Günther 1868:192 [ref. 1990]]

Family Psilorhynchidae Hora 1926
Psilorhynchidae Hora 1926:460 [ref. 2207] (family) *Psilorhynchus*

Family Cobitidae Swainson 1838 [ICZN Opinion 1500]

Subfamily Botiinae Berg 1940

Botiini Berg 1940:270 [ref. 5049] (subfamily) *Botia*

Leptobotiini Nalbant 2002:315 [ref. 27361] (tribe) *Leptobotia*

Subfamily Cobitinae Swainson 1838 [ICZN Opinion 1500]

Cylindrosomes Duméril 1805:138 [ref. 1151] (family) ? *Cobitis* [no stem of the type genus, not available, Article 11.7.1.1]

Cobites Jarocki 1822:27, 94 [ref. 4984] (family) *Cobitis* [stem Cobit- confirmed by Fitzinger 1832:332 [ref. 5019] and by Swainson 1838:227 [ref. 4302]; senior objective synonym of Acantophthalminae Gill 1861]

Cobitidae Swainson 1838:227, 231, 360 [ref. 4302] (subfamily) *Cobitis* [stem changed to Cobitid- by Günther 1868:344 [ref. 1990], confirmed by Regan 1911e:31 [ref. 3642] and by Steyskal 1980:170 [ref. 14191]; Cobitidae Swainson 1838 on Official List of Family-Group Names in Zoology ICZN Opinion 1500; senior objective synonym of Acantophthalminae Gill 1861]

? Acanthopsides Heckel & Kner 1858:296 [ref. 2078] (family) †*Acanthopsis* Agassiz [= ? *Cobitis*; ref. 2078 possibly published autumn 1857]

Acanthophthalminae Gill 1861b:7 [ref. 32167] (subfamily) *Acantophthalmus* [*Acanthophthalmus* inferred from the stem; junior objective synonym of Cobites Jarocki 1822, invalid, Article 61.3.2]

Misgurninae Fowler 1905b:474 [ref. 1370] (subfamily) *Misgurnus* [erroneously as Misgurnoinae in Nalbant 2002:328 [ref. 27361]]

Family Balitoridae Swainson 1839

Balitorinae Swainson 1839:190 [ref. 4303] (subfamily) *Balitora*

Homalopterini Bleeker 1859d:XXVIII [ref. 371] (stirps) *Homaloptera*

Gastromyzoninae Fowler 1905b:477 [ref. 1370] (subfamily) *Gastromyzon* [stem corrected to Gastromyzont- by Inger & Chin 1961:168 [ref. 9356], confirmed by Steyskal 1980:173 [ref. 14191], by Nelson 1984:128 [ref. 13596], by Rainboth 1996:126 [ref. 22772] and by Kottelat 2012:57 [ref. 32367]]

Lepidoglanidae Jordan 1923a:149 [ref. 2421] (family) *Lepidoglanis* [correct stem is Lepidoglanid- Kottelat 2012:57 [ref. 32367]]

Crossostominae Silas 1953:179, 219 [ref. 4024] (subfamily) *Crossostoma* Sauvage [correct stem is Crossostomat- Kottelat 2012:57 [ref. 32367], Kottelat 2013b:191 [ref. 32989]; invalid, Article 39]

Pseudogastromyzoni Silas 1953:229 [ref. 4024] (division) *Pseudogastromyzon* [correct stem is Pseudogastromyzont- Kottelat 2012:57 [ref. 32367], Kottelat 2013b:191 [ref. 32989]]

Glaniopsini Silas 1953:259 [ref. 4024] (division) *Glaniopsis*

Parhomalopterini Chen 1980:207 [ref. 32172] (group) *Parhomaloptera*

Beaufortini Chen 1980:207 [ref. 32172] (group) *Beaufortia* [correct stem is Beauforti- Kottelat 2012:57 [ref. 32367], Kottelat 2013b:191 [ref. 32989]]

Sinohomalopterini Chen 1980:208 [ref. 32172] (group) *Sinohomaloptera*

Family Nemacheilidae Regan 1911

Nemachilinae Regan 1911e:31 [ref. 3642] (subfamily) *Nemacheilus* [as *Nemachilus*, name must be corrected Article 32.5.3; changed to Noemacheilinae by Bănărescu & Nalbant 1964:160 [ref. 217] based on *Noemacheilus*; corrected to Nemacheilinae by Roberts 1989:94 [ref. 6439], confirmed by Nelson 2006:147 [ref. 32486] and by Kottelat 2012:74 [ref. 32367]]

Adiposiidae Jordan 1923a:145 [ref. 2421] (family) *Adiposia*

Lefuini Prokofiev 2010:890 [ref. 31096] (tribe) *Lefua*

Yunnanilini Prokofiev 2010:890 [ref. 31096] (tribe) *Yunnanilus*

Triplophysini Prokofiev 2010:892 [ref. 31096] (tribe) *Triplophysa*

Family Serpenticobitidae Kottelat 2012

Serpenticobitinae Nalbant 2002:328 [ref. 27361] (subfamily) *Serpenticobitis* [genus inferred from the stem, Article 11.7.1.1; name only, not published according to the rules, not available]

Serpenticobitidae Kottelat 2012:73, 140 [ref. 32367] (family) *Serpenticobitis*

Family Vaillantellidae Nalbant & Bănărescu 1977

Vaillantellinae Nalbant & Bănărescu 1977:100 [ref. 7045] (subfamily) *Vaillantella*

Family Ellopostomatidae Bohlen & Šlechtová 2009

Ellopostomatinae Nalbant 2002:328 [ref. 27361] (subfamily) *Ellopostoma* [genus inferred from the stem,

Article 11.7.1.1; name only, not published according to the rules, not available]

Ellopostomatidae Bohlen & Šlechtová 2009:161 [ref. 30419] (family) *Ellopostoma*

Ellopostomatidae Chen, Lheknim & Mayden 2009:2204 [ref. 30698] (family) *Ellopostoma* [junior objective synonym of Ellopostomatidae Bohlen & Šlechtová 2009, invalid]

Family Barbuccidae Kottelat 2012

Barbuccidae Kottelat 2012:140 [ref. 32367] (family) *Barbucca*

Family Gyrinocheilidae Gill 1905

Gyrinochilidae Gill 1905c:196 [ref. 32598] (family) *Gyrinocheilus* [as *Gyrinochilus*, name must be corrected Article 32.5.3; corrected to Gyrinocheilidae by Berg 1912:5 [ref. 5874], confirmed by Smith 1945:281 [ref. 4056]]

Family Catostomidae Agassiz 1850

Catostomi Agassiz 1850:353 [ref. 66] (tribe) *Catostomus* [family name sometimes seen as Catostomatidae]

? Cheilognathini Bleeker 1860a:427 [ref. 370] (cohors) ? *Catostomus* [no stem of the type genus, not available, Article 11.7.1.1]

Cycleptinae Gill 1861b:8 [ref. 32167] (subfamily) *Cycleptus*

Bubalichthyinae Gill 1861b:9 [ref. 32167] (subfamily) *Bubalichthys*

Moxostomi Bleeker 1863b:190 [ref. 397] (phalanx) *Moxostoma* [also Bleeker 1863–64:23 [ref. 4859]; stem corrected to Moxostomat- by Hubbs 1930:9 [ref. 5590], confirmed by Nelson 1976:127 [ref. 32838], by Smith in Mayden 1992:790 [ref. 23260] and by Nelson 2006:146 [ref. 32486]]

Ichthyobi Bleeker 1863b:190 [ref. 397] (phalanx) *Ictiobus* [as *Ichthyobus*, name must be corrected Article 32.5.3; also Bleeker 1863–64:23 [ref. 4859]; stem corrected to Ictiob- by Gill 1889e:2972 [ref. 32834], confirmed by Jordan & Evermann 1896a:162 [ref. 2443], by Ellis 1914:20 [ref. 32599] and by Jordan 1929:60 [ref. 6443]]

Lagochilinae Jordan & Brayton 1878:282 [ref. 2435] (subfamily) *Lagochila*

Erimyzonini Hubbs 1930:9 [ref. 5590] (tribe) *Erimyzon* [stem corrected to Erimyzont- by Nelson 1976:127 [ref. 32838], confirmed by Smith in Mayden 1992:797 [ref. 23260]; Nelson 2006:146 [ref. 32486] used as stem Erimyzon-]

Thoburniini Hubbs 1930:10 [ref. 5590] (tribe) *Thoburnia*

Myxocyprininae Fowler 1958b:13 [ref. 1470] (subfamily) *Myxocyprinus*

Order Characiformes

Family Citharinidae Günther 1864

Cyprinosalmi Latreille 1825:120 [ref. 31889] (tribe) *Citharinus* [no stem of the type genus, not available, Article 11.7.1.1]

Citharinina Günther 1864:279, 302 [ref. 1974] (group) *Citharinus*

Family Distichodontidae Günther 1864

Distichodontina Günther 1864:280, 359 [ref. 1974] (group) *Distichodus* [stem changed to Distichod- by Géry 1977:55, 58 [ref. 1597]; Vari 1979:261 [ref. 5490], Nelson 2006:150 [ref. 32486] and Zarske 2011:47 [ref. 31375] used Distichodontidae]

Ichthyborina Günther 1864:280, 362 [ref. 1974] (group) *Ichthyborus* [stem changed to Ichthyobor- by Boulenger 1904b:576 [ref. 31880] based on *Ichthyoborus*]

Phagonina Günther 1865:175 [ref. 1980] (group) *Phago* [stem changed to Phag- by Eigenmann 1909b:255 [ref. 1223]]

Nannocharacina Günther 1867:112 [ref. 1989] (group) *Nannocharax*

Xenocharacinae Gill 1893b:131 [ref. 26255] (subfamily) *Xenocharax* [genus inferred from the stem, Article 11.7.1.1]

Neolebiinae Eigenmann 1909b:253 [ref. 1223] (subfamily) *Neolebias* [genus inferred from the stem, Article 11.7.1.1]

Hemistichodontinae Regan 1911e:22 [ref. 3642] (subfamily) *Hemistichodus*

Nannaethiopidi Hoedeman 1956:12, 15 (tribe) *Nannaethiops*

Family Alestidae Cockerell 1910 Name in prevailing recent practice, Article 35.5

Miletidini [Myletidini] Bonaparte 1835:[18] [ref. 32242] (subfamily) *Myletes* [*Miletes* inferred from the

stem, name must be corrected Article 32.5.3; stem corrected to Mylet- by Adams in Adams, Baikie & Barron 1854:108 [ref. 31954]; Gill 1896e:209 [ref. 1739] suggested Mylit-; no available type genus, not available, Article 11.7.1.1]

Hydrocionini Bonaparte 1835:[18] [ref. 32242] (subfamily) *Hydrocynus* [*Hydrocion* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; changed to Hydrocyonini by Bonaparte 1837:[7] [ref. 32243] based on *Hydrocyon*; corrected to Hydrocyninae by Eigenmann 1909b:256 [ref. 1223], confirmed by Nelson 1976:116 [ref. 32838] and by Géry 1977:54 [ref. 1597]]

Alestini Cockerell 1910:112 [ref. 33054] (subfamily?) *Alestes* [Nelson 1984:139 [ref. 13596], Nelson 1994:151 [ref. 26204] and Nelson 2006:155 [ref. 32486] used Alesti- as stem; family-group name also used as valid by: Géry 1977 [ref. 1597], Sterba 1990, Géry 1995 [ref. 22057], Springer & Raasch 1995:102 [ref. 25656], Eschmeyer 1998 [ref. 23416], Malabarba *et al.* 1998 [ref. 23777], Paugy, Lévêque & Teugels 2003a [ref. 29209], Stiassny, Teugels & Hopkins 2007a [ref. 30009], Wamuini Lunkayilaki & Vreven 2008 [ref. 29978], Mirande 2010 [ref. 31006], Zarske 2011 [ref. 31375], Mamonekene & Stiassny 2012 [ref. 32195], Mbimbi Mayi Munene & Stiassny 2012 [ref. 31766]]

Clupeocharacinae Pellegrin 1926:159 [ref. 3404] (subfamily) *Clupeocharax*

Bryconaethiopini Hoedeman 1951:2 [ref. 2178] (subtribe) *Bryconaethiops* [changed to Bryconaethiopsini by Fowler 1958b:8 [ref. 1470]]

Alestopetersiini Hoedeman 1951:3 [ref. 2178] (subtribe / erroneously as genus) *Alestopetersius*

Petersiini Poll 1967:2 [ref. 3529] (tribe) *Petersius* [stem changed to Peters- by Géry 1977:27 [ref. 1597]]

Family Hepsetidae Hubbs 1939 (1909) Name in prevailing recent practice, Article 40.2

Sarcodacinae Eigenmann 1909b:256 [ref. 1223] (subfamily) *Sarcodaces* [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Hepsetinae Hubbs 1939]

Hepsetinae Hubbs 1939:168 [ref. 5012] (subfamily) *Hepsetus* [junior objective synonym of Sarcodacinae Eigenmann 1909, replacement name in prevailing recent practice, Article 40.2; Hepsetidae used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Géry 1977 [ref. 1597], Daget, Gosse & Thys van den Audenaerde 1984 [ref. 6168], Nelson 1984 [ref. 13596], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Malabarba *et al.* 1998 [ref. 23777], Paugy, Lévêque & Teugels 2003a [ref. 29209], Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007a [ref. 30009], Zarske 2011 [ref. 31375], Decru, Snoeks & Vreven 2013 [ref. 33014], Decru, Vreven & Snoeks (2013) [ref. 32574]]

Family Hemiodontidae Bleeker 1859

Hemiodontini Bleeker 1859d:XXXII [ref. 371] (cohors) *Hemiodus* [stem changed to Hemiod- by Eigenmann 1910:423 [ref. 1224], confirmed by Géry 1972b:70 [ref. 1594] and by Géry 1977:190 [ref. 1597]; Roberts 1974:411 [ref. 6872], Langeani 1998:145 [ref. 23841] and Nelson 2006:154 [ref. 32486] used Hemiodontidae]

Anodontostomini Bleeker 1859d:XXXII [ref. 371] (cohors) *Anodus* [stem of type genus?; stem corrected to Anod- by Eigenmann 1909b:253 [ref. 1223]; stem emended to Anodont- by Fowler 1950:274 [ref. 18869], confirmed by Roberts 1974:422 [ref. 6872] and by Nelson 2006:155 [ref. 32486]; not based on *Anodontostoma*]

Bivibranchiinae Eigenmann 1912:253, 258 [ref. 1227] (subfamily) *Bivibranchia*

Elopomorphinae Eigenmann 1917:39 [ref. 1236] (subfamily) *Elopomorphus*

Micromischodontinae Roberts 1971:3 [ref. 3773] (subfamily) *Micromischodus*

Family Parodontidae Eigenmann 1910

Parodontinae Eigenmann 1910:422 [ref. 1224] (subfamily) *Parodon*

Family Curimatidae Gill 1858

Curimatinae Gill 1858:61 [ref. 1750] (subfamily) *Curimata*

Potamorhinini Fernández-Yépez 1948:16 insert [ref. 1316] (tribe) *Potamorhina*

Curimatopsini Fernández-Yépez 1948:16 insert [ref. 1316] (tribe) *Curimatopsis*

Curimatellini Fernández-Yépez 1948:16 insert [ref. 1316] (tribe *Curimatella*

Apolinarellini Fernández-Yépez 1948:16 insert [ref. 1316] (tribe) *Apolinarella*

Family Prochilodontidae Eigenmann 1909 Name in prevailing recent practice, Article 35.5

Pacini Bleeker 1859d:XXXII [ref. 371] (stirps) *Pacu*

Prochilodinae Eigenmann 1909b:253 [ref. 1223] (subfamily) *Prochilodus* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Prochilodont- by Regan 1911e:21 [ref. 3642], confirmed by Lindberg 1971:84 [ref. 27211] and by Castro & Vari 2004:1 [ref. 28606]; family-group name also used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Géry 1972b [ref. 1594], Roberts 1973 [ref. 7051], Nelson 1976 [ref. 32838], Géry 1977 [ref. 1597], Vari 1983 [ref. 5419], Nelson 1984 [ref. 13596], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Malabarba *et al.* 1998 [ref. 23777], Reis *et al.* 2003 [ref. 27061], Castro & Vari 2004 [ref. 28606], Nelson 2006 [ref. 32486], Buckup, Menezes & Ghazzi 2007]

Family Anostomidae Günther 1864

Anostomatina Günther 1864:279, 303 [ref. 1974] (group) *Anostomus* [stem corrected to Anostom- by Gill 1896e:209 [ref. 1739], confirmed by Regan 1911e:20 [ref. 3642], by Fowler 1914:236 [ref. 1390] and by Myers 1950:184 [ref. 3124]; senior objective synonym of Pithecocharacinae Fowler 1906; subfamily name sometimes seen as Anastomatinae]

Pithecocharacinae Fowler 1906c:319 [ref. 1373] (subfamily) *Pithecocharax* [junior objective synonym of Anostomatina Günther 1864, invalid, Article 61.3.2]

Leporellinae Eigenmann 1910:427 [ref. 1224] (subfamily) *Leporellus*

Leporininae Eigenmann 1912:96 [ref. 1227] (subfamily) *Leporinus*

Family Chilodontidae Eigenmann 1903

Chilodinae Eigenmann 1903:144 [ref. 1218] (subfamily) *Chilodus* [stem emended to Chilodont- by Fowler 1950:214 [ref. 18869], confirmed by Lindberg 1971:84 [ref. 27211], by Nelson 1976:121 [ref. 32838] and by Vari, Castro & Raredon 1995:1 [ref. 21817]]. There is a pending BZN proposal (Case 3555, Herbert & Bouchet 2011 [ref. 31588]) that would preserve the spelling Chilodontinae Eigenmann 1910 in fishes [the date should have been 1903].

Family Erythrinidae Valenciennes 1847 Name in prevailing recent practice, Article 35.5

Erythricthini [Erythrichthini] Bonaparte 1835:[16] [ref. 32242] (subfamily) *Erythrichthys* [genus inferred from the stem, Article 11.7.1.1; corrected to Erythrichthini by Bonaparte 1837:[7] [ref. 32243]; senior objective synonym of Erythrinidae Valenciennes 1847, but not used as valid after 1899]

Érythroïdes Valenciennes in Cuvier & Valenciennes 1847:480 [ref. 4883] (family) *Erythrinus* [latinized to Erythrinidae by Richardson 1856:250 [ref. 3747], confirmed by Gill 1858:410 [ref. 1750] and by Cope 1872:257 [ref. 921]; considered valid with this authorship by Richardson 1856:250 [ref. 3747], by Gill 1893b:131 [ref. 26255] and by Sheiko 2013:44 [ref. 32944] Article 11.7.2; junior objective synonym of Erythrichthini Bonaparte 1835, but in prevailing recent practice; Erythrinidae also used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Géry 1972b [ref. 1594], Nelson 1976 [ref. 32838], Shiino 1976, Géry 1977 [ref. 1597], Nelson 1984 [ref. 13596], Sterba 1990, Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Malabarba *et al.* 1998 [ref. 23777], Reis *et al.* 2003 [ref. 27061], Nelson 2006 [ref. 32486], Buckup, Menezes & Ghazzi 2007, Oyakawa & Mattox 2009 [ref. 30225], Jacobina, Paiva & Dergam 2011 [ref. 31391]]

Hopliidi Fowler 1958b:9 [ref. 1470] (tribe) *Hoplias*

Family Lebiasinidae Gill 1889 Name in prevailing recent practice, Article 35.5

Subfamily Lebiasininae Gill 1889

Lebiasininae Gill 1889c:2000 [ref. 32847] (subfamily) *Lebiasina* [genus inferred from the stem, Article 11.7.1.1; stem changed to Lebias- by Hoedeman 1950:83 [ref. 2176]]

Piabucininae Eigenmann 1909b:255 [ref. 1223] (subfamily) *Piabucina* [genus inferred from the stem, Article 11.7.1.1]

Subfamily Pyrrhulininae Bleeker 1859

Pyrrhulinini Bleeker 1859d:XXX [ref. 371] (cohors) *Pyrrhulina*

Nannostomi Gill 1896e:205 [ref. 1739] (no family-group name)

Nannostomatinae Eigenmann 1909a:35 [ref. 1222] (subfamily) *Nannostomus* [stem changed to Nannostom- by Regan 1911e:21 [ref. 3642], confirmed by Fowler 1913:523 [ref. 1389], by Weitzman 1966:1 [ref. 12368] and by Géry 1972b:50 [ref. 1594]; subfamily name sometimes seen as Narmostomatinae]

Family Gasteropelecidae Bleeker 1859

Gasteropelecini Bleeker 1859:XXXII [ref. 371[(stirps) *Gasteropelecus* [family name sometimes seen as Gastropelecidae]
Carnegiellidi Fowler 1958b:9 [ref. 1470] (tribe) *Carnegiella*
Thoracocharacini Weitzman 1960:220 [ref. 9611] (tribe) *Thoracocharax*
Family Ctenoluciidae Schultz 1944
Xiphostomi Swainson 1838:259 [ref. 4302] (no family-group name)
Xiphostominae Boulenger 1904b:576 [ref. 31880] (subfamily) *Xiphostoma* Agassiz [stem corrected to Xiphostomat- by Regan 1911e:20 [ref. 3642], confirmed by Myers & Storey 1956:27 [ref. 32831] and by Lindberg 1971:84 [ref. 27211]; invalid, Article 39]
Ctenolucinae Schultz 1944b:258, 259 [ref. 3960] (subfamily) *Ctenolucius* [stem emended to Ctenoluci- by Fowler 1950:327 [ref. 18869], confirmed by Lindberg 1971:84 [ref. 27211], by Géry 1972b:50, 64 [ref. 1594] and by Vari 1995:41 [ref. 21840]]
Spixostomatidae Whitley 1951b:407 [ref. 4715] (family) *Spixostoma* [replacement name for Xiphostomidae]
Family Acestrorhynchidae Eigenmann 1912
Subfamily Acestrorhynchinae Eigenmann 1912
Acestrorhynchinae Eigenmann 1912:406 [ref. 1227] (subfamily) *Acestrorhynchus*
Subfamily Roestinae Lucena & Menezes 1998
Roestinae Lucena & Menezes 1998:274 [ref. 23776] (subfamily) *Roestes*
Subfamily Heterocharacinae Géry 1966
Heterocharacini Géry 1966b:281 [ref. 1589] (subtribe) *Heterocharax*
Family Cynodontidae Eigenmann 1903
Subfamily Cynodontinae Eigenmann 1903
Cynodontinae Eigenmann 1903:147 [ref. 1218] (subfamily) *Cynodon*
Rhaphiodontinae Travassos 1946:8 [ref. 5009] (subfamily) *Rhaphiodon*
Hydrolicidi [Hydrolycidi] Fowler 1958b:10 [ref. 1470] (tribe) *Hydrolycus*
Family Serrasalmidae Bleeker 1859
Serrasalmi Swainson 1838:256 [ref. 4302] (no family-group name)
Serrasalmoniformes Bleeker 1859d:XXXI [ref. 371] (subfamily) *Serrasalmus* [as *Serrasalmo*, name must be corrected Article 32.5.3; corrected to Serrasalminae by Fowler 1907b:468 [ref. 1374], confirmed by Eigenmann 1907:772 [ref. 1220]]
Mylesinae Eigenmann 1903:147 [ref. 1218] (subfamily) *Myleus* [changed to Mylinae by Eigenmann in Eigenmann, McAtee & Ward 1907:154 [ref. 1261]; corrected to Myleinae by Eigenmann 1907:771 [ref. 1220], confirmed by Fowler 1950:385 [ref. 18869] and by Géry 1972b:50 [ref. 1594]]
Catoprionidi Fowler 1958b:11 [ref. 1470] (tribe) *Catoprion*
Family Characidae Latreille 1825
Characidae incertae sedis
Scissorini Fowler 1958b:8 [ref. 1470] (subtribe) *Scissor*
Subfamily Stethaprioninae Eigenmann 1907
Stethaprioninae Eigenmann 1907:771 [ref. 1220] (subfamily) *Stethaprion*
Stichanodontinae [Stichonodontinae] Eigenmann 1910:441 [ref. 1224] (subfamily) *Stichonodon* [corrected to Stichonodontinae by Eigenmann 1917:50 [ref. 1236], confirmed by Eigenmann & Myers 1929:511 ["513"] [ref. 1263]]
Brachycalcininae [Brachychalcininae] Eigenmann 1912:97 [ref. 1227] (subfamily) *Brachychalcinus* [*Brachychalcinus* inferable from the stem?; stem corrected to Brachychalcin- by Fowler 1958b:10 [ref. 1470]]
Subfamily Aphyocharacinae Eigenmann 1909
Aphiocharacinae [Aphyocharacinae] Eigenmann 1909b:254 [ref. 1223] (subfamily) *Aphyocharax* [*Aphiocharax* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; corrected to Aphyocharacinae by Eigenmann 1912:311 [ref. 1227], confirmed by Géry 1972b:50 [ref. 1594] and by Mirande 2010:524 [ref. 31006]]
Paragoniatinae Géry 1972b:57 [ref. 1594] (subfamily) *Paragoniates*

Subfamily Characinae Latreille 1825
Characini Latreille 1825:119 [ref. 31889] (tribe) *Charax* [genus inferred from the stem, Article 11.7.1.1; accepted by Gill 1896e:206 [ref. 1739]; family name sometimes seen as Characinidae based on *Characinus*, see also Gill 1896b:213 [ref. 1740] & Myers 1949 [ref. 33129]]
Cynopotamini Cockerell 1915b:156 [ref. 33055] (tribe) *Cynopotamus*
Exodonidi Fowler 1958b:10 [ref. 1470] (tribe) *Exodon* [stem corrected to Exodont- by Géry 1964b:459 [ref. 1583]]
Roeboididi Fowler 1958b:10 [ref. 1470] (tribe) *Roeboides*
Stygichthyini Géry 1972b:60 [ref. 1594] (tribe) *Stygichthys*
Phenacogasterini Mattox & Toledo-Piza 2012:883 [ref. 32651] (tribe) *Phenacogaster* [correct stem would be Phenacogastr-]
Subfamily Tetragonopterinae Gill 1858
Tetragonopterinae Gill 1858:54 [ref. 1750] (subfamily) *Tetragonopterus*
Subfamily Rhoadsiinae Fowler 1911
Rhoadsinae Fowler 1911:497 [ref. 1384] (subfamily) *Rhoadsia* [corrected to Rhoadsiinae by Eigenmann & Myers 1929:457 [ref. 1263], confirmed by Géry 1972b:50 [ref. 1594] and by Mirande 2010:499 [ref. 31006]]
Subfamily Cheirodontinae Eigenmann 1915
Cheirodontinae Eigenmann 1915:3 [ref. 1231] (subfamily) *Cheirodon*
Compsurini Malabarba, Weitzman & Burns in Malabarba 1998:216 [ref. 23844] (tribe) *Compsura*
Pseudocheirodontini Mariguela, Ortí, Avelino, Abe & Oliveira 2013:30, 32 [ref. 32650] (tribe) *Pseudocheirodon*
Subfamily "Jupiaba clade"
Subfamily Pristellinae Géry & Boutière 1964
Pristellidi Géry & Boutière 1964:482 [ref. 1599] (tribe) *Pristella*
Subfamily "Astyanax clade"
Subfamily Acestrorhamphinae Eigenmann 1907
Acestrorhamphinae Eigenmann in Eigenmann, McAtee & Ward 1907:154 [ref. 1261] (subfamily) *Acestrorhamphus*
Oligosarcinae Fowler 1932b:361 [ref. 16336] (subfamily) *Oligosarcus* [name only, used as Oligosarginae by Fowler 1975:117 [ref. 9331] with the remark: misconception; not available]
Subfamily "Nematobrycon clade"
Subfamily Gymnocharacinae Eigenmann 1909
Gymnocharacininae Eigenmann 1909b:254 [ref. 1223] (subfamily) *Gymnocharacinus* [genus inferred from the stem, Article 11.7.1.1; stem changed to Gymnocharac- by Eigenmann 1917:38 [ref. 1236], confirmed by Géry 1972b:50, 61 [ref. 1594] and by Mirande 2010:521 [ref. 31006]]
Grundulidi Fowler 1958b:8 [ref. 1470] (tribe) *Grundulus*
Subfamily Aphyoditeinae Géry 1972
Aphyoditeini Géry 1972a:16 [ref. 21270] (tribe) *Aphyodite*
Subfamily Stevardiinae Gill 1858
Stevardianae Gill 1858:62 [ref. 1750] (subfamily) *Stevardia* [Fowler 1943b:317 [ref. 1444] used Stevardinae]
Diapominae Eigenmann 1909b:254 [ref. 1223] (subfamily) *Diapoma* [genus inferred from the stem, Article 11.7.1.1]
Pterobryconinae Eigenmann 1913:3 [ref. 1229] (subfamily) *Pterobrycon*
Glandulocaudinae Eigenmann 1914:32, 34 [ref. 12389] (subfamily) *Glandulocauda*
Pseudocorynopominae Eigenmann 1914:34 [ref. 12389] (subfamily) *Pseudocorynopoma*
Hysteronotinae Eigenmann 1914:35 [ref. 12389] (subfamily) *Hysteronotus*
Corynopominae Eigenmann 1927:395 [ref. 12292] (subfamily) *Corynopoma*
Creagrutinae Miles 1943:41, 55 [ref. 13211] (subfamily) *Creagrutus*
Xenurobryconini Myers & Böhlke 1956:6 [ref. 5937] (tribe) *Xenurobrycon*
Hemibryconini Géry 1966a:218, 233 [ref. 1588] (subtribe) *Hemibrycon*

Landonini Weitzman & Menezes 1998:180 [ref. 23843] (tribe) *Landonia* [correct stem is Landoni-]
Phenacobryconini Weitzman & Menezes 1998:186 [ref. 23843] (tribe) *Phenacobrycon*
Trochilocharacini Zarske 2010:92 [ref. 30919] (tribe) *Trochilocharax*
Subfamily Pseudochalceinae Géry 1966
Pseudochalceini Géry 1966a:219 [ref. 1588] (subtribe) *Pseudochalceus* [erroneously as Psendochalceini on page 229]
Family Bryconidae Eigenmann 1912
Subfamily Bryconinae Eigenmann 1912
Bryconinae Eigenmann 1912:370 [ref. 1227] (subfamily) *Brycon*
Henochilidi Fowler 1958b:8 [ref. 1470] (tribe) *Henochilus*
Chalcinopsidi Fowler 1958b:10 [ref. 1470] (tribe) *Chalcinopsis*
Subfamily Salmininae Cockerell 1915
Salminini Cockerell 1915b:156 [ref. 33055] (tribe) *Salminus* [Fowler 1945b:105 [ref. 1454] used Salminae (subfamily)]
Family Triportheidae Fowler 1940 Name in prevailing recent practice, Article 35.5
Subfamily Triportheinae Fowler 1940 Name in prevailing recent practice
Chalcininae Eigenmann 1912:376 [ref. 1227] (subfamily) *Chalcinus* [Fowler 1913:560 [ref. 1389] used Chalcinae]
Triportheinae Fowler 1940:91 [ref. 1436] (subfamily) *Triportheus* [name only, but family-group name used as valid by Fowler 1945a:6 [ref. 13140], by Géry 1956:16; by Fowler 1958b:9 [ref. 1470], by Géry 1972b:55 [ref. 1594], by Géry 1977:342 [ref. 1597] Article 13.2.1; family-group name also used as valid by Buckup, Menezes & Ghazzi 2007; maybe intended as a replacement name, Article 40.2]
Subfamily Agoniatinae Bleeker 1859
Agoniateini Bleeker 1859d:XXXII [ref. 371] (stirps) *Agoniates* [stem corrected to Agoniat- by Eigenmann 1909b:254 [ref. 1223], confirmed by Géry 1972b:50 [ref. 1594] and by Mirande 2010:479 [ref. 31006]]
Subfamily Clupeacharacinae Fowler 1958
Clupeacharacidi Fowler 1958b:9 [ref. 1470] (tribe) *Clupeacharax*
Family Iguanodectidae Eigenmann 1909
Subfamily Iguanodectinae Eigenmann 1909
Iguanodectinae Eigenmann 1909b:254 [ref. 1223] (subfamily) *Iguanodectes* [genus inferred from the stem, Article 11.7.1.1]
Piabucinae Fowler 1950:340 [ref. 18869] (subfamily) *Piabucus* [name only, but used as valid, as Piabucidi, by Fowler 1958b:10 [ref. 1470] Article 13.2.1]
Subfamily "Bryconops clade"
Family Chalceidae Fowler 1958
Chalceidi Fowler 1958b:9 [ref. 1470] (tribe) *Chalceus*
Plethodectidi Fowler 1958b:9 [ref. 1470] (tribe) *Plethodectes*
Family Crenuchidae Günther 1864
Subfamily Crenuchinae Günther 1864
Crenuchina Günther 1864:280, 365 [ref. 1974] (group) *Crenuchus*
Subfamily Characidiinae Fowler 1932
Characidiinae Fowler 1932b:349 [ref. 16356] (subfamily) *Characidium* [name only, but used as valid by Travassos 1952:5 [ref. 12720], by Travassos 1956:1 [ref. 12233], by Géry 1972b:67 [ref. 1594], by Géry 1977:111 [ref. 1597] and by Buckup 1992:1066 [ref. 20321] Article 13.2.1]
Geisleriinae Géry 1971:153, 163 [ref. 1593] (subfamily) *Geisleria*
Elachocharacinae Géry 1971:163 [ref. 1593] (subfamily) *Elachocharax*

Order Siluriformes

? Siluridae homalopterae Günther 1864:2, 5, 13 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]
? Siluridae heteropterae Günther 1864:2, 5, 30 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae anomalopterae Günther 1864:3, 7, 66 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae proteropterae Günther 1864:3, 7, 69 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae stenobranchiae Günther 1864:3, 10, 191 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae proteropodes Günther 1864:4, 11, 221 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae opisthopterae Günther 1864:4, 12, 271 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Siluridae branchicolae Günther 1864:4, 12, 276 [ref. 1974] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

Family Diplomystidae Eigenmann 1890

Diplomystidae Eigenmann 1890a:12 [ref. 31918] (family) *Diplomystes*

Family Lacantuniidae Rodiles-Hernández, Hendrickson & Lundberg 2005

Lacantuniidae Rodiles-Hernández, Hendrickson & Lundberg in Rodiles-Hernández, Hendrickson, Lundberg & Humphries 2005:5 [ref. 28241] (family) *Lacantunia*

Family Ictaluridae Gill 1861

Ictaluri Gill 1861o:49 [ref. 1673] (group) *Ictalurus* [Jordan 1877:70 [ref. 2374] used as stem Ichthaelur- based on *Ichthaelurus* and Meek 1904:10 [ref. 2958] used as stem Ichthyaelur- based on *Ichthyaelurus*]

Amiurina Günther 1864:98 [ref. 1974] (subgroup?) *Ameiurus* [as *Amiurus*, name must be corrected Article 32.5.3; stem corrected to Ameiur- by Hubbs & Raney 1944:3 [ref. 10907], confirmed by Myers & Storey 1956:10 [ref. 32831] and by Greenwood, Rosen, Weitzman & Myers 1966:396 [ref. 26856]]

Family Horabagridae Jayaram 2006

Horabagridae Hardman 2005:714 [ref. 32181] (family) *Horabagrus* [not published according to the rules, not available]

Horabagrinae Jayaram 2006:141 [ref. 28762] (subfamily) *Horabagrus*

Family Bagridae Bleeker 1858 [ICZN Opinion 1402]

Bagri Richardson 1856:259 [ref. 3747] (no family-group name)

Bagrichthyoidei Bleeker 1858a:39 [ref. 32230] (subfamily) *Bagrus* [also Bleeker 1858b:49, 54 [ref. 365]; also as cohors Bagrini Bleeker 1858a:39 [ref. 32230] and Bleeker 1858b:49 [ref. 365]; Bagridae Bleeker 1858 on Official List of Family-Group Names in Zoology, ICZN Opinion 1402]

Ritae Bleeker 1862–63:8 [ref. 393] (phalanx) *Rita* [Fowler 1958b:14 [ref. 1470] used Rita- as stem; original stem Rit- confirmed by Jayaram 1966:1068 [ref. 27559]]

Bagrichthyes Bleeker 1862–63:8, 48 [ref. 393] (phalanx) *Bagrichthys*

Porcinae Fowler 1915:219 [ref. 1392] (subfamily) *Porcus* [no available type genus, not available, Article 11.7.1.1]

Mystidae Fowler 1935a:275 [ref. 1423] (family) *Mystus* [genus inferred from the stem, Article 11.7.1.1; name only, rejected by Ferraris & de Pinna 1999:7 [ref. 32488] with the help of Article 13; not available]

Mystini Hoedeman 1949 in Hoedeman & de Jong 1947–58:X.30.3, p. 5 [ref. 19665] (tribe) *Mystus* [genus inferred from the stem, Article 11.7.1.1; name only, rejected by Ferraris & de Pinna 1999:7 [ref. 32488] with the help of Article 13; not available]

Bagroidinae Jayaram 1966:1069 [ref. 27559] (subfamily) *Bagroides* [also as new in Jayaram 1968:371 [ref. 5615]]

Pelteobagrini Jayaram 1966:1071 [ref. 27559] (tribe) *Pelteobagrus*

Batasinae Tilak 1967:431 [ref. 32180] (subfamily) *Batasio* [stem changed to Batasin- by Jayaram 2006:78 [ref. 28762]]

Family Cranoglanididae Myers 1931

Cranoglanididae Myers 1931a:261 [ref. 31927] (family) *Cranoglanis*

Family Austroglanididae Mo 1991

Austroglanididae Mo 1991:160 [ref. 19952] (family) *Austroglanis*

Family Siluridae Rafinesque 1815
Oplophores Duméril 1805:140 [ref. 1151] (family) ? *Silurus* [no stem of the type genus, not available, Article 11.7.1.1]
Siluridia Rafinesque 1815:89 [ref. 3584] (subfamily) *Silurus*
? Glani Latreille 1825:124 [ref. 31889] (tribe) ?? [not based on *Glanis*; no stem of the type genus, not available, Article 11.7.1.1]
Kryptopterini Bleeker 1862–63:18, 85 [ref. 393] (stirps) *Kryptopterus*
Phalacronotini Bleeker 1862–63:18, 90 [ref. 393] (stirps) *Phalacronotus*
Family Kryptoglanidae Britz, Kakkassery & Raghavan 2014
Kryptoglanidae Britz, Kakkassery & Raghavan 2014:205 [ref. 33236] (family) *Kryptoglanis*
Family Schilbeidae Bleeker 1858 Name in prevailing recent practice, Article 35.5
Ailichthyoidei Bleeker 1858a:39 [ref. 32230] (subfamily) *Ailia* [also Bleeker 1858b:49, 248 [ref. 365]; also as phalanx Ailianini Bleeker 1858a:39 [ref. 32230] and Bleeker 1858b:49 [ref. 365]; Bleeker 1862–63:18 [ref. 393] used Ailiaeformes (subfamily); stem Aili- confirmed by Gill 1893b:132 [ref. 26255] and by Kottelat 2013b:251 [ref. 32989]; stem Ail-, as used by Jayaram 2006:117 [ref. 28762], preoccupied in Diptera, Article 55.3]
Schilbeini Bleeker 1858a:40 [ref. 32230] (phalanx) *Schilbe* [also Bleeker 1858b:49, 250, 256 [ref. 365]; family name sometimes seen as Schilbidae, see Nelson 2006:182–183 [ref. 32486] and Kottelat 2013b:251 [ref. 32989]; Schilbeidae also used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Poll 1957, Sterba 1962, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Daget, Gosse & Thys van den Audenaerde 1986 [ref. 6189], Burgess 1989 [ref. 12860], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Chu, Cheng & Dai 1999 [ref. 24534], Paugy, Lévêque & Teugels 2003b [ref. 29208], Jayaram 2006 [ref. 28762], Sullivan, Lundberg & Hardman 2006 [ref. 28869], Ferraris 2007 [ref. 29155], Stiassny, Teugels & Hopkins 2007a [ref. 30009]]
Siluranodontinae Regan 1911f:568 [ref. 31895] (subfamily) *Siluranodon*
Eutropiidae Myers & Storey 1956:16 [ref. 32831] (family) *Eutropius* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]
Family Pangasiidae Bleeker 1858
Pangasini Bleeker 1858a:39 [ref. 32230] (cohors) *Pangasius* [also Bleeker 1858b:49, 58, 63 [ref. 365]; stem corrected to Pangasi- by Jordan 1923a:149 [ref. 2421], confirmed by Smith 1931:2 [ref. 4047] and by Fowler 1958a:3 [ref. 31840]]
Pangasianodonidi Fowler 1958b:14 [ref. 1470] (tribe) *Pangasianodon*
Family Amblycipitidae Day 1873
Amblycepinae Day 1873:cclxvii [ref. 31917] (subfamily) *Amblyceps* [stem corrected to Amblycipit- by Jordan 1923a:148 [ref. 2421], confirmed by Smith 1945:375 [ref. 4056], by Nelson 1976:134 [ref. 32838] and by Kottelat 2013b:216 [ref. 32989]]
Family Amphiliidae Regan 1911
Subfamily Amphiliinae Regan 1911
Amphiliidae Regan 1911f:565 [ref. 31895] (family) *Amphilius*
Subfamily Leptoglaninae Roberts 2003
Leptoglaninae Roberts 2003:87 [ref. 26744] (subfamily) *Leptoglanis* [correction to Leptoglanidinae not justified, Article 29.4]
Leptoglanidinae Diogo 2003:430 [ref. 26979] (subfamily) *Leptoglanis* [junior objective synonym of Leptoglaninae Roberts 2003, invalid]
Subfamily Doumeinae Regan 1911
Doumeinae Regan 1911f:554 [ref. 31895] (subfamily) *Doumea*
Family Akysidae Gill 1861
Akyses Gill 1861o:52 [ref. 1673] (group) *Akysis*
Parakysidae Roberts 1989:141 [ref. 6439] (family) *Parakysis*
Acrochordonichthyini de Pinna 1996:61 [ref. 24146] (tribe) *Acrochordonichthys*
Family Sisoridae Bleeker 1858

Subfamily Sisorinae Bleeker 1858
Sisorichthyoidei Bleeker 1858a:40 [ref. 32230] (subfamily) *Sisor* [also Bleeker 1858b:48, 50 [ref. 365]]
Bagarina Günther 1864:183 [ref. 1974] (group) *Bagarius* [stem corrected to Bagari- by Eigenmann 1890b:11 [ref. 27063], confirmed by Myers & Storey 1956:11 [ref. 32831] and by de Pinna 1996:62 [ref. 24146]]
Nangrina de Pinna 1996:62 [ref. 24146] (subtribe) *Nangra*
Subfamily Glyptosterninae Gill 1861
Glyptosterni Gill 1861o:53 [ref. 1673] (group) *Glyptosternon*
Exostomatina Günther 1864:264 [ref. 1974] (subgroup?) *Exostoma*
Glyptothoracini de Pinna 1996:64 [ref. 24146] (tribe) *Glyptothorax*
Pseudecheneidina de Pinna 1996:64 [ref. 24146] (subtribe] *Pseudecheneis*
Family Erethistidae Bleeker 1862
Erethistides Bleeker 1862–63:13 [ref. 393] (phalanx) *Erethistes*
Continae de Pinna 1996:64 [ref. 24146] (subfamily) *Conta*
Laguviini de Pinna 1996:65 [ref. 24146] (tribe) *Laguvia*
Family Clariidae Bonaparte 1845
Heterobranchia Latreille 1825:125 [ref. 31889] (tribe) ? *Macropteronotus* [no stem of the type genus, not available, Article 11.7.1.1]
Clariadini Bonaparte 1845:387 [ref. 32998] (subfamily) *Clarias* [*Clarias* inferable from the stem?; stem corrected to Clari- by Bonaparte 1846:5 [ref. 519], confirmed by Günther 1864:13 [ref. 1974] and by Gill 1872:19 [ref. 26254]; changed to Chlariidae by Fowler 1904:499 [ref. 1367] based on *Chlarias*, confirmed by Jordan 1905:184 [ref. 31955]; not Clariidae in Rotifera = Clariaidae]
Heterobranchoidei Bleeker 1858a:40 [ref. 32230] (family) *Heterobranchus* [also Bleeker 1858b:33, 37, 41, 333 [ref. 365]; also as phalanx Heterobranchini Bleeker 1858a:40 [ref. 32230] and Bleeker 1858b:335 [ref. 365]]
Uegitglanididae Chardon 1968:223, 232 [ref. 33056] (family) *Uegitglanis*
Horaglanidinae Jayaram 2006:309 [ref. 28762] (subfamily) *Horaglanis*
Family Heteropneustidae Hora 1936 Name in prevailing recent practice, Article 35.5
Saccobranchini Bleeker 1858a:40 [ref. 32230] (phalanx) *Saccobranchus* [also Bleeker 1858b:335, 336 [ref. 365]; family-group name not used as valid after 1899]
Heteropneustidae Hora 1936:209 [ref. 13703] (family) *Heteropneustes* [Heteropneustidae used as valid by: Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Burgess 1989 [ref. 12860], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Diogo, Chardon & Vandewalle 2003 [ref. 27438], Jayaram 2006 [ref. 28762], Nelson 2006 [ref. 32486], Sullivan, Lundberg & Hardman 2006 [ref. 28869], Hossain, Sarker, Sharifuzzaman & Rahman Chowdhury 2013 [ref. 33105]]
Family Claroteidae Bleeker 1862
Subfamily Claroteinae Bleeker 1862
Claroteini Bleeker 1862–63:4 [ref. 393] (stirps) *Clarotes*
Chrysichthyinae Regan 1911f:561 [ref. 31895] (subfamily) *Chrysichthys*
Gephyroglanidini Jayaram 1966:1071, 1099 [ref. 27559] (tribe) *Gephyroglanis*
Subfamily Auchenoglanidinae Jayaram 1966
Auchenoglanidinae Jayaram 1966:1069, 1119 [ref. 27559] (subfamily) *Auchenoglanis*
Family Chacidae Bleeker 1858
Chacini Bleeker 1858a:40 [ref. 32230] (phalanx) *Chaca* [also Bleeker 1858b:50, 310, 322 [ref. 365]]
Family Olyridae Gill 1893
Olyrinae Gill 1893b:132 [ref. 26255] (subfamily) *Olyra* [genus inferred from the stem, Article 11.7.1.1; changed to Olyrininae by Arunachalam, Raja, Mayden & Chandran 2013:51 [ref. 32806]]
Family Malapteruridae Bleeker 1858
Malapterurini Bleeker 1858a:39 [ref. 32230] (phalanx) *Malapterurus* [also Bleeker 1858b:49 [ref. 365]; family name sometimes seen as Malopteruridae]

Torpedinidae Gill 1896d:162 [ref. 31875] (family) *Torpedo* Forsskål [preoccupied by Torpedines Henle 1834 in fishes; invalid, Article 55.3]

Family Ariidae Bleeker 1858

Subfamily Galeichthyinae Acero & Betancur-R. 2007

Galeichthyinae Acero & Betancur-R. 2007:139 [ref. 29200] (subfamily) *Galeichthys*

Subfamily Ariinae Bleeker 1858

Ariodontes Bleeker 1858a:39 [ref. 32230] (phalanx) *Arius* [also Bleeker 1858b:v, 49, 57 [ref. 365]; stem Ari- confirmed by Bleeker 1862–63:7, 25 [ref. 393] and by Jordan 1923a:145 [ref. 2421]]

Hemipimelodinae Gill 1861o:46 [ref. 1673] (subfamily) *Hemipimelodus*

Tachysurinae Jordan 1888:38 [ref. 2390] (subfamily) '*Tachysurus*' = *Arius* [Eigenmann 1890a:12 [ref. 31918] used Tachisurinae based on '*Tachisurus*' = *Arius*; based on misidentified generic name, not available]

Batrachocephalinae Gill 1893b:132 [ref. 26255] (subfamily) *Batrachocephalus* [genus inferred from the stem, Article 11.7.1.1]

Doiichthyidae Weber 1913a:532 [ref. 4603] (family) *Doiichthys* [also in Weber & de Beaufort 1913:333 [ref. 16092]]

Ostegeneiosinae [Osteogeneiosinae] Fowler 1951b:3 [ref. 31928] (subfamily) *Osteogeneiosus* [corrected to Osteogeneiosinae by Fowler 1958a:3 [ref. 31840]; name only, rejected by Ferraris & de Pinna 1999:7 [ref. 32488] with the help of Article 13; not available]

Subfamily Bagreinae Schultz 1944

Bagreidae Schultz 1944a:182 [ref. 3959] (family) *Bagre*

Family Anchariidae Glaw & Vences 1994

Anchariidae Stiassny & Raminosa 1994:142 [ref. 32182] (family) *Ancharius* [name only, published after 1960, not available, Article 13.1.1]

Anchariidae Glaw & Vences 1994:390 [ref. 31926] (family) *Ancharius*

Family Plotosidae Bleeker 1858

Plotosichthyoidei Bleeker 1858a:40 [ref. 32230] (subfamily) *Plotosus* [also Bleeker 1858b:49, 309 [ref. 365]; also as phalanx Plotosini Bleeker 1858a:40 [ref. 32230] and Bleeker 1858b:50 [ref. 365]]

Family Mochokidae Regan 1912

Subfamily Chiloglanidinae Vigliotta 2008

Chiloglanidinae Riehl & Baensch 1990:396 [ref. 31919] (subfamily) *Chiloglanis* [name only, published after 1960, not available, Article 13.1.1]

Chiloglanidinae Vigliotta 2008:115 [ref. 29734] (subfamily) *Chiloglanis*

Atopochilini Vigliotta 2008:116 [ref. 29734] (tribe) *Atopochilus*

Subfamily Mochokinae Regan 1912 Name in prevailing recent practice, Article 35.5

Synodontini Bleeker 1862–63:6 [ref. 393] (stirps) *Synodontis* [preoccupied by Synodontoidae Gill 1861 in fishes, invalid, Article 55.3; see Russell 1987 [ref. 32600]; family name sometimes seen as Synodidae]

Rhinoglanina Günther 1864:216 [ref. 1974] (group) *Rhinoglanis*

Mochocidae Regan 1912b:36 [ref. 33057] (family) *Mochokus* [*Mochocus* inferred from the stem; corrected to Mochokidae by Jordan 1923a:150 [ref. 2421]; family-group name also used as valid by: Poll 1957, Sterba 1962, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Daget, Gosse & Thys van den Audenaerde 1986 [ref. 6189], Burgess 1989 [ref. 12860], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Paugy, Lévêque & Teugels 2003b [ref. 29208], Nelson 2006 [ref. 32486], Sullivan, Lundberg & Hardman 2006 [ref. 28869], Ferraris 2007 [ref. 29155], Stiassny, Teugels & Hopkins 2007a [ref. 30009], Vigliotta 2008 [ref. 29734], Wright & Page 2008 [ref. 29628], Vreven & Milondo 2009 [ref. 30416], Friel & Vigliotta 2011 [ref. 31569], Vreven & Ibala Zamba 2011 [ref. 31194]; family name sometimes seen as Mochochidae or Mochockidae]

? Simuldentinae Taverne & Aloulou-Triki 1974:64 [ref. 17316] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

Family Doradidae Bleeker 1858

Doradini Bleeker 1858a:39 [ref. 32230] (phalanx) *Doras* [also Bleeker 1858b:49 [ref. 365]]

Lithodoradinae Fowler 1951b:3 [ref. 31928] (subfamily) *Lithodoras* [name only, rejected by Ferraris & de Pinna 1999:7 [ref. 32488] with the help of Article 13; not available]

Hemidoradinae Fowler 1951b:3 [ref. 31928] (subfamily) *Hemidoras* [name only, rejected by Ferraris & de Pinna 1999:6 [ref. 32488] with the help of Article 13; not available]

Centrochirinae Fowler 1951b:3 [ref. 31928] (subfamily) *Centrochir* [name only, rejected by Ferraris & de Pinna 1999:5 [ref. 32488] with the help of Article 13; not available]

Astrodoradinae Higuchi, Birindelli, Sousa & Britski 2007:33 [ref. 29331] (subfamily) *Astrodoras*

Family Auchenipteridae Bleeker 1862 Name in prevailing recent practice, Article 35.5

Subfamily Centromochlinae Bleeker 1862

Centromochli Bleeker 1862–63:7 [ref. 393] (phalanx) *Centromochlus* [stem Centromochl- confirmed by Nelson 2006:177 [ref. 32486]

Subfamily Auchenipterinae Bleeker 1862 Name in prevailing recent practice, Article 35.5

Euanemini Bleeker 1858a:39 [ref. 32230] (cohors) *Euanemus* [also Bleeker 1858b:49 [ref. 365]]

Trachelioptérini [Trachelyopterini] Bleeker 1858a:40 [ref. 32230] (phalanx) *Trachelyopterus* [also Bleeker 1858b:49 [ref. 365]; stem corrected to Trachelyopter- by Bleeker 1862–63:15 [ref. 393], confirmed by Fowler 1958a:3 [ref. 31840]]

Pseudauchenipterini Bleeker 1862–63:6 [ref. 393] (stirps) *Pseudauchenipterus* [also as phalanx Pseudauchenipteri Bleeker 1862–63:6 [ref. 393]]

Auchenipterini Bleeker 1862–63:14 [ref. 393] (stirps) *Auchenipterus* [Auchenipteridae used as valid by: Sterba 1962, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Burgess 1989 [ref. 12860], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Reis *et al.* 2003 [ref. 27061], Nelson 2006 [ref. 32486], Sullivan, Lundberg & Hardman 2006 [ref. 28869], Buckup, Menezes & Ghazzi 2007, Ferraris 2007 [ref. 29155]]

Astrophysi [Asterophysi] Bleeker 1862–63:7 [ref. 393] (phalanx) *Asterophysus*

Ageneiosi Bleeker 1862–63:14 [ref. 393] (phalanx) *Ageneiosus* [stem Ageneios- confirmed by Eigenmann & Eigenmann 1890:299 [ref. 12251]]

Trachycorystidae Miranda Ribeiro 1911:25, 352 [ref. 3716] (family) *Trachycorystes*

Family Pimelodidae Bonaparte 1835

Pimelodini Bonaparte 1835:[8] [ref. 32242] (subfamily) *Pimelodus* [genus inferred from the stem, Article 11.7.1.1]

Sorubinae Swainson 1838:333, 356 [ref. 4302] (subfamily) *Sorubim* [also Swainson 1839:190, 309 [ref. 4303]; stem changed to Sorubim- by Schultz 1944a:227 [ref. 3959], confirmed by Fowler 1958b:13 [ref. 1470]]

Anodontes Bleeker 1858a:39 [ref. 32230] (phalanx) *Hypophthalmus* [also Bleeker 1858b:viii, 245 [ref. 365]; no stem of the type genus, not available, Article 11.7.1.1]

Hypophthalmini Bleeker 1862–63:15 [ref. 393] (stirps) *Hypophthalmus*

Ariobagri Bleeker 1862–63:10 [ref. 393] (phalanx) *Leiarius* [no stem of the type genus, not available, Article 11.7.1.1]

Callophysinae [Calophysinae] Eigenmann 1890a:15 [ref. 31918] (subfamily) *Calophysis* [also Eigenmann & Eigenmann 1890:9 [ref. 12251]; stem corrected to Calophys- by Fowler 1951b:3 [ref. 31928], confirmed by Fowler 1954:6 [ref. 1465]; subfamily name sometimes seen as Calophidinae]

Luciopimelodinae Driver 1919:453 [ref. 12423] (subfamily) *Luciopimelodus*

Pinirampidae Fernández-Yépez 1965:12 [ref. 33058] (family) *Pinirampus*

Brachyplatystomatini Lundberg & Akama 2005:496 [ref. 28312] (tribe) *Brachyplatystoma* [Lundberg, Sullivan & Hardman 2011:162 [ref. 31593] used Brachyplatystomini]

Family Pseudopimelodidae Fernández-Yépez & Antón 1966

Pseudopimelodidae Fernández-Yépez & Martín Salazar 1953:234 [ref. 12693] (family) *Pseudopimelodus* [name only, rejected by Ferraris & de Pinna 1999:8 [ref. 32488] with the help of Article 13; not available]

Pseudopimelodidae Fernández-Yépez & Antón 1966:72 [ref. 33059] (family) *Pseudopimelodus*

Pseudopimelodinae Lundberg, Bornbusch & Mago-Leccia 1991:204 [ref. 19521] (subfamily) *Pseudopimelodus* [objective synonym of Pseudopimelodidae Fernández-Yépez & Antón 1966, invalid]

Family Heptapteridae Gill 1861
Pteronotidae Adams in Adams, Baikie & Barron 1854:107 [ref. 31954] (family) *Pteronotus* Swainson [invalid, Article 39]
Heptapterinae Gill 1861o:54 [ref. 1673] (subfamily) *Heptapterus*
Rhamdiae Bleeker 1862–63:11, 60 [ref. 393] (phalanx) *Rhamdia* [stem Rhamdi- confirmed by Lundberg, Bornbusch & Mago-Leccia 1991:198 [ref. 19521]]
Phreatobinae Reichel 1927:383 [ref. 31921] (subfamily) *Phreatobius* [corrected to Phreatobiinae by Fowler 1954:9 [ref. 1465], confirmed by Buckup 1988:643 [ref. 6635]]
Family Cetopsidae Bleeker 1858
Subfamily Cetopsinae Bleeker 1858
Cetopsini Bleeker 1858a:40 [ref. 32230] (phalanx) *Cetopsis* [also Bleeker 1858b:49 [ref. 365]]
Cetopsidiini de Pinna, Ferraris & Vari 2007:802 [ref. 29247] (tribe) *Cetopsidium*
Denticetopsini de Pinna, Ferraris & Vari 2007:802 [ref. 29247] (tribe) *Denticetopsis*
Subfamily Helogeninae Regan 1911
Helogenidae Regan 1911f:573 [ref. 31895] (family) *Helogenes* [family name sometimes seen as Helogeneidae or Hologenidae]
Family Aspredinidae Adams 1854
Aspredinae Swainson 1838: 334, 337, 344, 354 [ref. 4302] (subfamily) *Aspredo* Swainson [also Swainson 1839:189, 308 [ref. 4303]; invalid, Article 39]
Aspredinidae Adams in Adams, Baikie & Barron 1854:107 [ref. 31954] (family) *Aspredo* Scopoli
Bunocephalini Bleeker 1858a:40 [ref. 32230] (phalanx) *Bunocephalus* [also Bleeker 1858b:328 [ref. 365]]
Platystacinae Eigenmann & Eigenmann 1890: 9, 13, 20 [ref. 12251] (subfamily) *Platystacus*
Hoplomizoninae [Hoplomyzoninae] Fernández-Yépez 1950:113 [ref. 12888] (subfamily) *Hoplomyzon* [stem corrected to Hoplomyzont- by Stewart 1985:2 [ref. 5239], confirmed by Ferraris & de Pinna 1999:6 [ref. 32488]]
Family Nematogenyidae Bleeker 1862
Nematogenyini Bleeker 1862–63:16 [ref. 393] (stirps) *Nematogenys*
Family Trichomycteridae Bleeker 1858
Subfamily Sarcoglanidinae Myers & Weitzman 1966
Sarcoglanidinae Myers & Weitzman 1966:278 [ref. 31922] (subfamily) *Sarcoglanis*
Subfamily Trichomycterinae Bleeker 1858 Name in prevailing recent practice, Article 35.5
Eremophilini Bonaparte 1845:387 [ref. 32998] (subfamily) *Eremophilus* [genus inferred from the stem, Article 11.7.1.1; also Bonaparte 1846:5 [ref. 519]; family-group name not used as valid after 1899]
Trichomycterini Bleeker 1858a:40 [ref. 32230] (phalanx) *Trichomycterus* [also Bleeker 1858b:49 [ref. 365]; Trichomycteridae used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Burgess 1989 [ref. 12860], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Reis *et al.* 2003 [ref. 27061], Nelson 2006 [ref. 32486], Sullivan, Lundberg & Hardman 2006 [ref. 28869], Buckup, Menezes & Ghazzi 2007, Ferraris 2007 [ref. 29155]]
Pygidiidae Eigenmann & Eigenmann 1888:647 [ref. 32183] (family) *Pygidium* [genus inferred from the stem, Article 11.7.1.1]
Subfamily Copionodontinae de Pinna 1992
Copionodontinae de Pinna 1992:179 [ref. 21084] (subfamily) *Copionodon*
Subfamily Trichogeninae Isbrücker 1986
Trichogeninae Isbrücker 1986:274, 276 [ref. 31923] (subfamily) *Trichogenes*
Subfamily Vandelliinae Bleeker 1862
Vandelliini Bleeker 1862–63:17 [ref. 393] (stirps) *Vandellia*
Subfamily Stegophilinae Günther 1864
Stegophilina Günther 1864:276 [ref. 1974] (group) *Stegophilus*
Pareiodontinae Eigenmann 1918:278 [ref. 1239] (subfamily) *Pareiodon* [subfamily name sometimes seen as Pariodontinae]
Haemomasteridae Fernández-Yépez & Antón 1966:75 [ref. 33059] (family) *Haemomaster* [name only, used

as valid before 2000?; not available]
Subfamily Tridentinae Eigenmann 1918
Tridentinae Eigenmann 1918:279 [ref. 1239] (subfamily) *Tridens*
Subfamily Glanapteryginae Myers 1944
Glanapteryginae Myers 1944:592 [ref. 3123] (subfamily) *Glanapteryx*
Family Callichthyidae Bonaparte 1835
Subfamily Callichthyinae Bonaparte 1835
Glani Latreille 1825:124 [ref. 31889] (tribe) ? *Callichthys* [no stem of the type genus, not available, Article 11.7.1.1]
Callichthini Bonaparte 1835:[8] [ref. 32242] (subfamily) *Callichthys* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Callichthy- by Bleeker 1858a:39 [ref. 32230] and Bleeker 1858b:49 [ref. 365], confirmed by Gill 1872:19 [ref. 26254]; family name sometimes seen as Calichthyidae or Callichthiidae or Callichthidae or Callichtyidae]
Cascaduridi Hoedeman 1952:3 [ref. 12773] (tribe) *Cascadura*
Dianemidi Hoedeman 1952:4 [ref. 12773] (tribe) *Dianema*
Hoplosterninae Miranda Ribeiro 1959:1 [ref. 32837] (subfamily?) *Hoplosternum*
Subfamily Corydoradinae Hoedeman 1952
Corydoradinae Hoedeman 1952:4 [ref. 12773] (subfamily) *Corydoras*
Aspidoradidi Hoedeman 1952:4 [ref. 12773] (tribe) *Aspidoras*
Family Loricariidae Rafinesque 1815
Subfamily Lithogeninae Gosline 1947
Lithogeninae Gosline 1947:93 [ref. 1857] (subfamily) *Lithogenes*
Subfamily Neoplecostominae Regan 1904
Neoplecostominae Regan 1904:306 [ref. 3621] (subfamily) *Neoplecostomus*
Subfamily Hypoptopomatinae Eigenmann & Eigenmann 1890
Hypoptopominae Eigenmann & Eigenmann 1890:353, 388 [ref. 12251] (subfamily) *Hypoptopoma* [corrected to Hypoptopomatinae by Regan 1904:195, 262 [ref. 3621], confirmed by Eigenmann 1910:404 [ref. 1224] and by Boeseman 1974:251 [ref. 7490]]
Acestridiinae Isbrücker & Nijssen 1974:68 [ref. 2304] (subfamily) *Acestridium*
Otocinclini Isbrücker 1979b:114 [ref. 32184] (tribe) *Otocinclus*
Otothyrini Schaefer 1991:31 [ref. 18926] (tribe) *Otothyris*
Lampiellini Isbrücker in Isbrücker, Seidel, Michels, Schraml & Werner 2001:20 [ref. 25649] (tribe) *Lampiella*
Subfamily Loricariinae Rafinesque 1815
Loricarini Rafinesque 1810b:35 [ref. 3595] (ordine) ? *Loricaria* [published not in latinized form before 1900; not available, Article 11.7.2]
Loricaria Rafinesque 1815:89 [ref. 3584] (subfamily) *Loricaria* [stem corrected to Loricari- by Bleeker 1859d:XXVIII [ref. 371], confirmed by Gill 1872:19 [ref. 26254], by Eigenmann & Eigenmann 1890:8 [ref. 12251] and by Jordan 1923a:152 [ref. 2421]]
Platycephala Goldfuss 1820:VI, 34 [ref. 1829] (family) ? *Loricaria* [no stem of the type genus, not available, Article 11.7.1.1]
Anesipoma Latreille 1825:125 [ref. 31889] (tribe) *Loricaria* [no stem of the type genus, not available, Article 11.7.1.1]
Gonyodontes Agassiz in Spix & Agassiz 1829–31:1 [ref. 13] (family) *Loricaria* [changed to Goniodontes by Müller 1843:319 [ref. 3063]; changed to Goniodontidae by Richardson 1856:263 [ref. 3747]; no stem of the type genus, not available, Article 11.7.1.1]
Acestrini Bleeker 1862–63:4 [ref. 393] (stirps) *Acestra* Kner [invalid, Article 39]
Farlowellidi Fowler 1958b:14 [ref. 1470] (tribe) *Farlowella*
Hartiinae [Harttiinae on page 15, 16 and 17] Boeseman 1971:10 [ref. 490] (subfamily) *Harttia* [corrected to Harttiinae by Isbrücker 1975:1 [ref. 2301], confirmed by Boeseman 1976:155, 168 [ref. 6991]]
Rineloricariina Isbücker 1979a:89 [ref. 2302] (subtribe) *Rineloricaria*
Reganellina Isbrücker 1979a:89 [ref. 2302] (subtribe) *Reganella*

Planiloricariina Isbrücker 1979a:89 [ref. 2302] (subtribe) *Planiloricaria*
Loricariichthyina Isbrücker 1979a:89 [ref. 2302] (subtribe) *Loricariichthys*
Hemiodontichthyina Isbrücker 1979a:89 [ref. 2302] (subtribe) *Hemiodontichthys*
Metaloricariina Isbrücker 1979a:90 [ref. 2302] (subtribe) *Metaloricaria*
Pseudoloricariina Isbrücker 1981:53 [ref. 5522] (subtribe) *Pseudoloricaria*
Ricolina Isbrücker 1981:54 [ref. 5522] (subtribe) *Ricola*
Subfamily Hypostominae Kner 1853
Hypostomiden Kner 1853a:279 [ref. 19870] (group) *Hypostomus* [latinized to Hypostomidae by Kner 1853b:10 [ref. 2627]; latinized to Hypostomini by Bleeker 1858a:40 [ref. 32230] and Bleeker 1858b:331 [ref. 365]; latinized to Hypostomatina by Günther 1864:221 [ref. 1974]; considered valid with this authorship by Kner 1853b:10 [ref. 2627], by Ferraris & de Pinna 1999:7 [ref. 32488] and by Sheiko 2013:45 [ref. 32944] Article 11.7.2]
Plecostomiformes Bleeker 1862–63:2 [ref. 393] (subfamily) *Plecostomus* Gronow [also as stirps Plecostomini Bleeker 1862–63:2 [ref. 393]; not available]
Corymbophanini Armbruster 2004:50, 58 [ref. 27644] (tribe) *Corymbophanes*
Rhinelepini Armbruster 2004:51, 58 [ref. 27644] (tribe) *Rhinelepis* [correct stem would be Rhinelepid-]
Pterygoplichthini Armbruster 2004:53, 58 [ref. 27644] (tribe) *Pterygoplichthys* [correct stem would be Pterygoplichthy-]
Subfamily Ancistrinae Kner 1854
Ancistri Kner 1853a:282 [ref. 19870] (subgroup) *Ancistrus* Kner 1854 [no valid type genus, not available, Article 11.7.1.1]
Ancistri Kner 1854:256 [ref. 2628] (subgroup) *Ancistrus* [Kner also used Lictores]
Acanthicini Bleeker 1862–63:2 [ref. 393] (stirps) *Acanthicus*
Chaetostomidi Fowler 1958b:14 [ref. 1470] (tribe) *Chaetostoma* [correct stem is Chaetostomat-]
Pseudacanthicini Isbrücker 1980:76 [ref. 2303] (tribe) *Pseudacanthicus* [also as subtribe Pseudacanthicina Isbrücker 1980:76 [ref. 2303]]
Lithoxina Isbrücker 1980:77 [ref. 2303] (subtribe) *Lithoxus*
Hopliancistrini Isbrücker & Nijssen 1989:543 [ref. 13622] (tribe) *Hopliancistrus*
Spectracanthicina Isbrücker & Nijssen 1989:545 [ref. 13622] (subtribe) *Spectracanthicus*
Subfamily Delturinae Armbruster, Reis & Pereira 2006
Delturinae Armbruster, Reis & Pereira 2006:279 [ref. 28706] (subfamily) *Delturus*
Family Scoloplacidae Bailey & Baskin 1976
Scoloplacinae Bailey & Baskin 1976:5 [ref. 161] (subfamily) *Scoloplax*
Family Astroblepidae Bleeker 1862
Astroblepiformes Bleeker 1862–63:15 [ref. 393] (subfamily) *Astroblepus*
Argeini Bleeker 1862–63:15 [ref. 393] (stirps) *Arges* [stem changed to Argi- by Gill 1872:19 [ref. 26254], confirmed by Myers & Storey 1956:11 [ref. 32831]; stem changed to Arg- by Greenwood, Rosen, Weitzman & Myers 1966:396 [ref. 26856]]
Cyclopidae [Cyclopiidae] Eigenmann 1910:416 [ref. 1224] (family) *Cyclopium* [stem corrected to Cyclopi- by Fowler 1915:241 [ref. 1392], confirmed by Myers & Storey 1956:14 [ref. 32831] and by Greenwood, Rosen, Weitzman & Myers 1966:396 [ref. 26856]]

Order Gymnotiformes

Family Sternopygidae Cope 1871
Carapini Bonaparte 1850b [ref. 32551] (subfamily) *Carapus* Cuvier [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39; senior homonym of Carapidae Poey 1867, but never used after 1899]
Sternopygidae Cope 1871:454 [ref. 920] (family) *Sternopygus* [genus inferred from the stem, Article 11.7.1.1]
? Archaeogymnotoidea Mago-Leccia 1978:14 [ref. 5489] (superfamily) ? [also as subfamily Archaeogymnotinae; no stem of the type genus, not available, Article 11.7.1.1]
Eigenmanninae Mago-Leccia 1978:14 [ref. 5489] (subfamily) *Eigenmannia* [correct stem is Eigenmanni-]
Family Apteronotidae Jordan 1923 Name in prevailing recent practice

? Ophichthytes Jarocki 1822:367 [ref. 4984] (family) ? *Sternarchus* [no stem of the type genus, not available, Article 11.7.1.1]

Sternarchidae Swainson 1838:216, 222 [ref. 4302] (family) *Sternarchus* [also Swainson 1839:196, 337 [ref. 4303]]

Apteronotidae Jordan 1923a:138 [ref. 2421] (family) *Apteronotus* [probably intended as a replacement name, Article 40.2; Apteronotidae used as valid by: Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Malabarba *et al.* 1998 [ref. 23777], Albert 2001 [ref. 25614], de Santana 2003 [ref. 26978], Reis *et al.* 2003 [ref. 27061], Nelson 2006 [ref. 32486], Buckup, Menezes & Ghazzi 2007, Albert & Crampton 2009 [ref. 30049], Triques 2011 [ref. 31671]]

Adontosternarchinae Mago-Leccia 1978:14 [ref. 5489] (subfamily) *Adontosternarchus*

Sternarchorhynchinae Mago-Leccia 1978:14 [ref. 5489] (subfamily) *Sternarchorhychus*

Oedemognathinae Mago-Leccia 1978:14 [ref. 5489] (subfamily) *Oedemognathus*

Sternarchorhamphini Albert 2001:73 [ref. 25614] (tribe) *Sternarchorhamphus*

Sternarchellini Albert 2001:77 [ref. 25614] (tribe) *Sternarchella*

Porotergini Albert 2001:78 [ref. 25614] (tribe) *Porotergus*

Family Rhamphichthyidae Regan 1911

Rhamphichthyidae Regan 1911e:25 [ref. 3642] (family) *Rhamphichthys*

Family Hypopomidae Eigenmann 1912

Hypopominae Eigenmann 1912:97 [ref. 1227] (subfamily) *Hypopomus*

Brachyhypopominae Albert 2001:68 [ref. 25614] (subfamily) *Brachyhypopomus*

Steatogini [= ? Steatogenini or Steatogenyini] Albert 2001:69 [ref. 25614] (tribe) *Steatogenys* [changed to Steatogenini by Maldonado-Ocampo *et al.* 2013:8 [ref. 32878]; correction not allowed Article 29.4]

Microsternarchini Albert 2001:69 [ref. 25614] (tribe) *Microsternarchus*

Family Gymnotidae Rafinesque 1815

Ginnotini Rafinesque 1810b:37 [ref. 3595] (ordine) *Gymnotus* [published not in latinized form before 1900; not available, Article 11.7.2]

Gymnotia Rafinesque 1815:91 [ref. 3584] (subfamily) *Gymnotus*

Electrophoridae Gill 1872:18 [ref. 26254] (family) *Electrophorus* [genus inferred from the stem, Article 11.7.1.1]

Order Esociformes

Family Esocidae Rafinesque 1815

Esocidi Rafinesque 1810b:34 [ref. 3595] (ordine) *Esox* [published not in latinized form before 1900; not available, Article 11.7.2]

Esoxidia Rafinesque 1815:89 [ref. 3584] (subfamily) *Esox* [stem corrected to Esoc- by Jarocki 1822:27, 102 [ref. 4984], confirmed by Bonaparte 1831:179 [ref. 4978]; senior objective synonym of Lucioides Minding 1832; family name sometimes seen as Esocesidae]

Lucioides / Lucioïdes Minding 1832:VIII, 121 [ref. 3022] (family) *Lucius* [genus inferred from the stem, Article 11.7.1.1; stem Luci- confirmed by Bonaparte 1850a:456 [ref. 27352]; junior objective synonym of Esocidae Rafinesque 1815, invalid, Article 61.3.2]

Family Umbridae Bonaparte 1845

Umblini Bonaparte 1845:387 [ref. 32998] (subfamily) *Umbra* [*Umbla* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; also as Umblini in Bonaparte 1846:5, 25 [ref. 519]; Bleeker 1859d:XXXI [ref. 371] used Umbraeformes; stem corrected to Umbr- by Günther 1866:231 [ref. 1983], confirmed by Gill 1872:15 [ref. 26254]]

Dalliidae Jordan in Gill 1885a:173 [ref. 1653] (family) *Dallia* [also but later Dalliidae Gill 1885b:728 [ref. 32601]]

Novumbridae Schultz 1929:73 [ref. 3950] (family) *Novumbra*

Order Osmeriformes

Family Argentinidae Bonaparte 1846

Argentinini Bonaparte 1846:5, 25 [ref. 519] (subfamily) *Argentina*

Family Microstomatidae Bleeker 1859

Microstomatini Bleeker 1859d:XXX [ref. 371] (cohors) *Microstoma* [stem changed to Microstom- by Gill 1873:789 [ref. 17631], confirmed by Schmidt 1918:10 [ref. 32602]; original stem Microstomat- confirmed by Nelson 1976:105 [ref. 32838], by Kawaguchi & Butler 1984:1 [ref. 17434], by Nelson 2006:191 [ref. 32486] and by Fierstine, Huddleston & Takeuchi 2012:38; not Microstomini Cooper & Chapleau 1998]

Xenophthalmichthyidae Berg 1940:89 [242, 429] [ref. 5049] (family) *Xenophthalmichthys*

Prososcopidae Whitley 1970:245 [ref. 6601] (family) *Prososcopa*

Nanseniini Johnson & Patterson in Stiassny, Parenti & Johnson 1996:308, 309 [ref. 23450] (tribe) *Nansenia*

Family Bathylagidae Gill 1884

Bathylagidae Gill 1884b:621 [ref. 33060] (family) *Bathylagus* [genus inferred from the stem, Article 11.7.1.1]

Leuroglossidae Myers & Storey 1956:19 [ref. 32831] (family) *Leuroglossus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Bathylagichthyini Kobyliansky 1990:175 [ref. 22788] (tribe) *Bathylagichthys*

Family Opisthoproctidae Schmidt 1918

Opisthoproctidés Roule 1915:177 [ref. 33061] family) *Opisthoproctus* [published not in latinized form after 1899, not available]

Opisthoproctidae Schmidt 1918:28 [ref. 32602] (family) *Opisthoproctus*

Doliocopteryginae [Dolichopteryginae] Fowler 1934a:256 [ref. 1416] (subfamily) *Dolichopteryx* [stem corrected to Dolichopteryg- by Fowler 1934b:163 [ref. 32669] and by Fowler 1936c:1161 [ref. 6546], confirmed by Myers & Storey 1956:15 [ref. 32831]; stem sometimes seen as Dolichoptery-]

Macropinnidae Chapman 1939:508 [ref. 817] (family) *Macropinna*

Winteriidae Chapman 1942:301 [ref. 818] (family) *Winteria* [family name sometimes seen as Winteridae]

Family Alepocephalidae Bonaparte 1846

Alepocephalini Bonaparte 1846:5, 34 [ref. 519] (subfamily) *Alepocephalus*

Aulastomatomorphinae Fowler 1934a:256 [ref. 1416] (subfamily) *Aulastomatomorpha*

Bathylaconidae Parr 1948:48, 51 [ref. 31913] (family) *Bathylaco*

? Triuridae Whitley 1954a:62 [ref. 4720] (family) *Triurus* Lacepède [unidentifiable type genus, in Molidae?]

Bathyprionidae Marshall 1966a:3 [ref. 2894] (family) *Bathyprion*

Family Platytroctidae Koefoed 1927

Platytroctidés Roule 1916:12 [ref. 3818] (family) *Platytroctes* [published not in latinized form after 1899, not available]

Platytroctidés Roule 1919:14 [ref. 19805] (family) *Platytroctes* [published not in latinized form after 1899, not available]

Platytroctidae Koefoed 1927:58 [ref. 2650] (family) *Platytroctes* [family name sometimes seen as Platyproctidae or Platytrochtidae; see also Sazonov 1980 [ref. 20577]]

Searsidae Parr 1951:3, 15 [ref. 3380] (family) *Searsia* [corrected to Searsiidae by Lindberg 1971:66 [ref. 27211], confirmed by Kreft in Hureau & Monod 1973:95 [ref. 6590] and by Nelson 1976:107 [ref. 32838]]

Mirorictinae Parr 1951:15 [ref. 3380] (subfamily) *Mirorictus*

Barbantini Sazonov 1986:89 [ref. 6003] (tribe) *Barbantus*

Family Leptochilichthyidae Marshall 1966

Leptochilichthyidae Marshall 1966a:9 [ref. 2894] (family) *Leptochilichthys* [family name sometimes seen as Lepthochilichthyidae]

Family Lepidogalaxiidae Rosen 1974

'separate family' Frankenberg 1968:9 [ref. 32603] (family) *Lepidogalaxias* [no name, not available; also Lepidogalaxiidae Frankenberg 1969 in unpublished dissertation, not available]

Lepidogalaxiidae Rosen 1973:434 [ref. 33062] (family) *Lepidogalaxias* [name only, published after 1960, not available, Article 13.1.1]

Lepidogalaxiidae Rosen 1974:311 [ref. 32839] (family) *Lepidogalaxias*

Family Osmeridae Regan 1913

Osmeridae Regan 1913b:290 [ref. 3651] (family) *Osmerus*

Hypomesini Berg 1940:428 [ref. 5049] (subfamily) *Hypomesus* [senior objective synonym of Mesopinae Fowler 1951]

Mesopinae Fowler 1951b:3 [ref.31928] (subfamily) *Mesopus* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid by Fowler 1974:109 [or 587] [ref. 7180] Article 13.2.1; junior objective synonym of Hypomesini, invalid, Article 61.3.2]

Mallotinae Fowler 1958b:7 [ref. 1470] (subfamily) *Mallotus*

Thaleichthyinae Kljukanov 1970:413 [ref. 32604] (subfamily) *Thaleichthys*

Family Plecoglossidae Bleeker 1859

Plecoglossiformes Bleeker 1859d:XXXI [ref. 371] (subfamily) *Plecoglossus*

Family Salangidae Bleeker 1859

Salangini Bleeker 1859d:XXXII [ref. 371] (cohors) *Salanx*

Protosalanginae Wakiya & Takahasi 1937:269, 271 [ref. 4571] (subfamily) *Protosalanx*

Hemisalanginae Wakiya & Takahasi 1937:269, 272 [ref. 4571] (subfamily) *Hemisalanx*

Salangichthyinae Roberts 1984:211 [ref. 5318] (subfamily) *Salangichthys*

Neosalanginae Zhang & Qiao 1994:96, 98 [ref. 18971] (subfamily) *Neosalanx*

Family Retropinnidae Gill 1862

Subfamily Retropinninae Gill 1862

Retropinnae Gill 1862c:15 [ref. 1655] (subfamily) *Retropinna* [family name sometimes seen as Retropinnatidae]

Subfamily Prototroctinae Hubbs 1952

Prototroctidae Hubbs 1952:326 [ref. 32606] (family) *Prototroctes* [name only, but used as valid by McDowall 1969:797 [ref. 32607] and, as Prototroctinae, by Nelson 1976:101 [ref. 32838] Article 13.2.1]

Family Galaxiidae Müller 1845

Subfamily Aplochitoninae Günther 1864

Haplochitonidae Günther 1864:381 [ref. 1974] (family) *Aplochiton* [as *Haplochiton*, name must be corrected Article 32.5.3; corrected to Aplochitonidae by Eigenmann 1909b:277 [ref. 1223], confirmed by Jordan 1923a:125 [ref. 2421] and by Nelson 1976:101 [ref. 32838]]

Lovettiinae Begle 1991:45 [ref. 32608] (subfamily) *Lovettia*

Subfamily Galaxiinae Müller 1845

Galaxiae Müller 1845:136 [ref. 32591] (family) *Galaxias* [also Müller 1846:176, 187, 202 [ref. 13283]; stem Galaxi- confirmed by Bonaparte 1846:5 [ref. 519], by Gill 1872:15 [ref. 26254] and by Jordan 1923a:125 [ref. 2421]; stem changed to Galax- by Richardson 1844–48:v [ref. 3740]]

Paragalaxiinae Scott 1936:87, 110 [ref. 3994] (subfamily) *Paragalaxias*

Order Salmoniformes

Family Salmonidae Jarocki or Schinz 1822

Subfamily Coregoninae Bonaparte 1845

Coregonini Bonaparte 1845:387 [ref. 32998] (subfamily) *Coregonus* [genus inferred from the stem, Article 11.7.1.1]

Stenodontinae Gill 1894:121 [ref. 31887] (subfamily) *Stenodus* [stem changed to Stenod- by Sanford 1990:151 [ref. 33063]]

Subfamily Thymallinae Gill 1885

Thymallidae Gill 1885b:721 [ref. 32601] (family) *Thymallus*

Subfamily Salmoninae Jarocki or Schinz 1822

Dermoptères Duméril 1805:146 [ref. 1151] (family) ? *Salmo* [latinized to Dermopteria by Rafinesque 1815:88 [ref. 3584]; no stem of the type genus, not available, Article 11.7.1.1]

Salmonidi Rafinesque 1810b:32 [ref. 3595] (ordine) *Salmo* [published not in latinized form before 1900; not available, Article 11.7.2]

Salmones Jarocki 1822:27, 30 [ref. 4984] (family) *Salmo* [also Schinz 1822:206 [ref. 3926] [also seen as Schinz in Cuvier 1822]; Jarocki / Schinz priority not yet established; stem Salmon- confirmed by Latreille 1825:119 [ref. 31889] and by Bonaparte 1831:181 [ref. 4978]]

Tutriformes [Truttiformes] Latreille 1825:119 [ref. 31889] (tribe) *Trutta*

Salvelini Günther 1866:125 [ref. 1983] (no family-group name)

Brachymystini Tchernavin 1923:106 [ref. 33064] (group) *Brachymystax* [stem corrected to Brachymystac- by Dorofeyeva 1989:9 [ref. 32609]]

Oncorhynchus Tchernavin 1923:106 [ref. 33064] (group) *Oncorhynchus* [clearly used as a suprageneric taxon Sheiko 2013:53 [ref. 32944], Article 11.7.1.2; corrected to Oncorhynchini by Holcík 1982:10 [ref. 33065] (tribe)]

Huchoninae Jordan & McGregor in Jordan & Hubbs 1925:146 [ref. 2486] (subfamily) *Hucho*

Salmothymini Hadzisce 1960:47 [ref. 13406] (tribe) *Salmothymus*

Salvelinini Dorofeyeva 1989:10 [ref. 32609] (tribe) *Salvelinus*

Parahuchoninae Glubokovsky 1995:80, 81 [ref. 32610] (subfamily) *Parahucho*

Order Stomiiformes

Family Gonostomatidae Cocco 1838

Gonostomini Cocco 1838:162 [ref. 865] (subfamily) *Gonostoma* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Gonostomat- by Boulenger 1904b:571 [ref. 31880], confirmed by Whitley 1935a:215 [ref. 4683] and by Nelson 1976:108 [ref. 32838]]

Diplophinae Fowler 1925:1 [ref. 1401] (subfamily) *Diplophos*

Bonapartinae Fowler 1936c:1200 [ref. 6546] (subfamily) *Bonapartia* [correct stem is Bonaparti-]

Manducinae Fowler 1958b:7 [ref. 1470] (subfamily) *Manducus*

Family Sternoptychidae Duméril 1805

Subfamily Maurolicinae Gill 1885

Maurolocidae [Maurolicidae] Gill 1885c:619 [ref. 32611] (family) *Maurolicus* [corrected to Maurolicidae by Gill in Goode & Bean 1896:95 [ref. 1848], confirmed by Jordan 1923a:127 [ref. 2421], by Myers & Storey 1956:20 [ref. 32831] and by Lindberg 1971:74 [ref. 27211]]

Subfamily Sternoptychinae Duméril 1805

Sternoptyges Duméril 1805:150 [ref. 1151] (family) *Sternoptyx* [corrected to Sternoptigia by Rafinesque 1815:92 [ref. 3584] (subfamily) based on *Sternoptix*; changed to Sternopterygii by Jarocki 1822:326, 328 [ref. 4984]; stem changed to Sternoptix- by Handyside 1839:326 [ref. 33122] based on *Sternoptix*; stem corrected to Sternoptych- by Bleeker 1859d:XXXII [ref. 371], confirmed by Günther 1864:384 [ref. 1974], by Moreau 1881:v.3 497 [ref. 3040] and by Schultz 1961:590 [ref. 10156]; considered valid with this authorship by Gill 1884e:350 [ref. 32840], by Gill 1893b:131 [ref. 26255], by Wilimovsky 1951:248 [ref. 33066] and by Nolf 1985:52 [ref. 32698] Article 11.7.2; family name sometimes seen as Sternoptychiidae or Sternoptichidae]

Pomanchia Rafinesque 1815:92 [ref. 3584] (family) ? *Sternoptyx* [no stem of the type genus, not available, Article 11.7.1.1]

Argyropeleci Fitzinger 1873:33 [ref. 31883] (family) *Argyropelecus*

Polyipninae Gill 1893b:131 [ref. 26255] (subfamily) *Polyipnus* [genus inferred from the stem, Article 11.7.1.1]

Family Phosichthyidae Weitzman 1974 Name in prevailing recent practice, Article 35.5

Cocciina Günther 1864:387 [ref. 1974] (group) *Coccia*

Photichthyidae Weitzman 1974:333, 472 [ref. 5174] (family) *Phosichthys* [as *Photichthys*, name must be corrected Article 32.5.3; corrected to Phosichthyidae by Eschmeyer 1990:312 [ref. 23276], not confirmed by Nelson 1994:198 [ref. 26204], confirmed by Nelson 2006:210 [ref. 32486]; family-group name also used as valid by: Lagler, Bardach, Miller & May Passino 1977, Mukhacheva 1980 [ref. 8685], Johnson & Feltes 1984 [ref. 5348], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Parin & Borodulina 1990 [ref. 20170], Quéro *et al.* 1990 [ref. 15946], Golani 1994 [ref. 23162], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006]

Family Stomiidae Bleeker 1859 Name in prevailing recent practice, Article 35.5

Subfamily Chauliodontinae Bonaparte 1845

Chauliodidae Bonaparte 1845:387 [ref. 32998] (family) *Chauliodus* [genus inferred from the stem, Article 11.7.1.1; also as subfamily Chauliodini; stem corrected to Chauliodont- by Bonaparte 1846:5, 35 [ref. 519], confirmed by Günther 1864:391 [ref. 1974], by Moreau 1881:v.3 491 [ref. 3040] and by Gill 1893b:131 [ref. 26255]; family name sometimes seen as Cauliodontidae]

Subfamily Stomiinae Bleeker 1859

Cryptobranchii Jarocki 1822:359 [ref. 4984] (family) *Stomias* [no stem of the type genus, not available, Article 11.7.1.1]

Stomiaeformes Bleeker 1859d:XXXII [ref. 371] (subfamily) *Stomias* [stem changed to Stomiat- by Günther 1864:424 [ref. 1974], confirmed by Bleeker 1870–75:149 [ref. 428], by Moreau 1881:v.3 488 [ref. 3040] and by Regan & Trewavas 1930:38 [ref. 3681]; stem emended to Stomi- by Steyskal 1980:172 [ref. 14191], confirmed by Nelson 2006:210 [ref. 32486]; family name also used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Fierstine, Huddleston & Takeuchi 2012]

Subfamily Astronesthinae Günther 1864

Astronesthina Günther 1864:424 [ref. 1974] (group) *Astronesthes*

Neonesthinae Fowler 1934a:258 [ref. 1416] (subfamily) *Neonesthes*

Subfamily Melanostomiinae Parr 1927 Name in prevailing recent practice, Article 35.5

Photonectinae Jordan & Evermann 1896a:588 [ref. 2443] (subfamily) *Photonectes*

Eustomiatinae Fowler 1925:1 [ref. 1401] (subfamily) *Eustomias* [correct stem is Eustomi- Sheiko 2013:56 [ref. 32944]]

Melanostomiatidae Parr 1927:1, 19 [ref. 3367] (family) *Melanostomias* [stem emended to Melanostomi- by Steyskal 1980:172 [ref. 14191], confirmed by McAllister 1990:132 [ref. 14674] and by Nelson 2006:211 [ref. 32486]; family-group name also used as valid by: Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Hoese *et al.* 2006; family name sometimes seen as Melanostomidae]

Bathophilinae Fowler 1936c:1164 [ref. 6546] (subfamily) *Bathophilus*

Subfamily Malacosteinae Gill 1890

Malacosteidae Gill 1890a:3590 [ref. 32974] (family) *Malacosteus*

Subfamily Idiacanthinae Gill 1893

Idiacanthidae Gill 1893b:131 [ref. 26255] (family) *Idiacanthus* [genus inferred from the stem, Article 11.7.1.1]

Stylophthalmidae Jordan 1923a:127 [ref. 2421] (family) *Stylophthalmus* [family name sometimes seen as Stylophthalmoidae]

Order Ateleopodiformes

Family Ateleopodidae Bonaparte 1850

Ateleopodini Bonaparte 1850b [ref. 32551] (subfamily) *Ateleopus* [genus inferred from the stem, Article 11.7.1.1; stem changed to Ateleop- by Kaup 1858b:93 [ref. 2576]; original stem Ateleopod- confirmed by Bleeker 1859d:XXVI [ref. 371], by Günther 1862a:398 [ref. 1969], by Alcock 1896:327 [ref. 91] and by Jordan 1923a:156 [ref. 2421]; senior objective synonym of Podatelidae Boulenger 1902]

Podatelidae Boulenger 1902:403 [ref. 568] (family) *Podateles* [junior objective synonym of Ateleopodini Bonaparte 1850, invalid, Article 61.3.2]

Güntheridae Osório 1917:117 [ref. 3318] (family) *Guentherus* [as *Güntherus*, name must be corrected

Article 32.5.3; correct stem is Guenther- Sheiko 2013:56 [ref. 32944]]
Ijimaiinae Howell Rivero 1935:92, 93, 97 [ref. 15734] (subfamily) *Ijimaia*

Order Aulopiformes

Family Aulopidae Bonaparte 1831
Aulopodini Bonaparte 1831:181 [ref. 4978] (subfamily) *Aulopus* [named on p. 161 Scopelini; stem changed to Aulop- by Cope 1871:455 [ref. 920], confirmed by Gill 1872:16 [ref. 26254] and by Jordan 1923a:153 [ref. 2421]]
Family Chlorophthalmidae Garman 1899 Name in prevailing usage
Pelopsidae Facciolà 1883:145 [ref. 1289] (family) *Pelopsia* [correct stem is Pelopsi- Sheiko 2013:57 [ref. 32944]; name also used later in oribatid mites Acari; not used as valid in fishes after 1899, Article 23.9.1.1]
Chlorophthalmidae Garman 1899:253 [ref. 1540] (family) *Chlorophthalmus* [Chlorophthalmidae used as valid by: Kamohara 1953 [ref. 12699], Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Shiino 1976, Sulak 1977 [ref. 4299], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Hartel & Stiassny 1986 [ref. 5471], Kotlyar & Parin 1986 [ref. 5850], Smith & Heemstra 1986 [ref. 5715], Sulak 1986 [ref. 5720], Sulak & Shcherbachev 1988 [ref. 6677], Paxton *et al.* 1989 [ref. 12442], Jones & Sulak 1990 [ref. 20703], McAllister 1990 [ref. 14674], Merrett 1990 [ref. 15012], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Springer & Raasch 1995:103 [ref. 25656], Kim, Kim, Kang & Kim 1997 [ref. 25732], Eschmeyer 1998 [ref. 23416], Fishelson & Galil 2001 [ref. 25283], Chen (2002) [ref. 26587], Sato & Nakabo 2002 [ref. 25953], Menezes *et al.* 2003 [ref. 27192], Thompson 2003 [ref. 27003], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Kobyliansky 2013 [ref. 32874], so the family-group name Chlorophthalmidae is in prevailing usage Article 23.9.1]]
Family Paraulopidae Sato & Nakabo 2002
Paraulopidae Sato & Nakabo 2002:26 [ref. 25953] (family) *Paraulopus*
Family Ipnopidae Gill 1884
Ipnopidae Gill 1884b:620 [ref. 33060] (family) *Ipnops* [also Gill 1885a:139 [ref. 1653]; family name sometimes seen as Ipnopsidae]
Bathypteroidae Gill 1893b:131 [ref. 26255] (family) *Bathypterois* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Bathypteridae]
Benthosauridae Gill 1893b:131 [ref. 26255] (family) *Benthosaurus* [genus inferred from the stem, Article 11.7.1.1]
Bathymicropsinae Fowler 1925:2 [ref. 1401] (subfamily) *Bathymicrops* [stem sometimes seen as Bathymicrop-]
Family Bathysauropsidae Sato & Nakabo 2002
Bathysauropsidae Sato & Nakabo 2002:44 [ref. 25953] (family) *Bathysauropsis*
Family Bathysauroididae Sato & Nakabo 2002
Bathysauroididae Sato & Nakabo 2002:44 [ref. 25953] (family) *Bathysauroides*
Family Scopelarchidae Alcock 1896
Scopelarchina Alcock 1896:306 [ref. 91] (group) *Scopelarchus*
Benthalbellinae Rofen 1966:573 [ref. 19801] (subfamily) *Benthalbella*
Family Notosudidae Parr 1928 Name in prevailing recent practice
Scopelosaurini Bleeker 1870–75:157 [ref. 428] (phalanx ≈ tribe) *Scopelosaurus* [Greenwood, Rosen, Weitzman & Myers 1966:395 [ref. 26856], Marshall 1966b:194 [ref. 33178] and McAllister 1968:91 [ref. 26854] used Scopelosauridae]
Notosudini Parr 1928:16, 22 [ref. 3368] (subfamily) *Notosudis* [Notosudidae used as valid by: Krefft & Maul 1955 [ref. 12207], Fedorov 1967 [ref. 7958], Lindberg 1971 [ref. 27211], Bertelsen, Krefft & Marshall 1976 [ref. 289], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Krefft 1986 [ref. 5684], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Balanov & Savinykh 1999 [ref. 24882], Sato & Nakabo 2002 [ref. 25953], Menezes *et al.*

2003 [ref. 27192], Thompson 2003 [ref. 27003], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]]

Luciosudidae Myers & Storey 1956:19 [ref. 32831] (family) *Luciosudis* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Family Giganturidae Brauer 1906

Giganturidae Brauer 1906:310 [ref. 632] (family) *Gigantura* [family name sometimes seen as Giganthuridae]

Rosauridae Tucker 1954:167 [ref. 4470] (family) *Rosaura*

Family Synodontidae Gill 1861

Subfamily Synodontinae Gill 1861

Salmonidi Rafinesque 1810a:54 [ref. 3594] (ordine) *Tirus* [no stem of the type genus, not available, Article 11.7.1.1]

Sauridae Lowe 1843:89 [ref. 2832] (family or tribe) *Saurus* [preoccupied by Sauroides Agassiz 1833:2 [ref. 13390] (changed to Sauridae De Kay 1842 [ref. 1098]) in fishes, invalid]

Synodontoidae Gill 1861a:53 [ref. 1766] (family) *Synodus* [senior homonym of Synodontini Bleeker 1862; family name sometimes seen as Synodidae]

Subfamily Harpadontinae Bleeker 1875 Name in prevailing recent practice

Sauridoidei Bleeker 1859a:356 [ref. 16983] (family) *Saurida* [also Bleeker 1859b:372 [ref. 16984] and Bleeker 1859d:XXXII [ref. 371]; family-group name not used as valid after 1899 in fishes; Saurididae occupied in Reptilia]

Harpadontini Bleeker 1870–75:151, 156 [ref. 428] (phalanx ≈ tribe) *Harpadon* [stem changed to Harpadon- by Fowler 1958b:7 [ref. 1470]; family-group name used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Paxton *et al.* 1989 [ref. 12442], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Chen (2002) [ref. 26587], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]; family name sometimes seen as Harpodontidae]

Family Bathysauridae Fowler 1944 Name in prevailing recent practice

Macristiidae Regan 1911b:204 [ref. 32612] (family) *Macristium*

Bathysauridae Fowler 1944a:489 [ref. 1448] (family) *Bathysaurus* [name only, but used as valid by Marshall 1961:364 [ref. 32613], by Bigelow 1963:98 and by Mead 1966:103 [ref. 32841] Article 13.2.1; family-group name used as valid by: Lindberg 1971 [ref. 27211], Johnson 1974 [ref. 7135], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Russell 1999 [ref. 24747], Sato & Nakabo 2002 [ref. 25953], Russell 2003 [ref. 27004], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]]

Family Paralepididae Bonaparte 1835

Paralepidini Bonaparte 1835:[19] [ref. 32242] (subfamily) *Paralepis* [genus inferred from the stem, Article 11.7.1.1; Dollo 1908:59 [ref. 1136] used Paralepidae (family)]

Sudidae Regan 1911a:125 [ref. 3639] (family) *Sudis*

Lestidiini Harry 1953:229 [ref. 2045] (tribe) *Lestidium*

Family Anotopteridae Zugmayer 1911

Anotopteridae Zugmayer 1911:139 [ref. 4846] (family) *Anotopterus*

Family Evermannellidae Fowler 1901

Odontostominae Gill 1893b:131 [ref. 26255] (subfamily) *Odontostomus* Cocco [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39; family name sometimes seen as Odontostomatidae]

Evermannellidae Fowler 1901:211 [ref. 1359] (family) *Evermannella*

Family Omosudidae Regan 1911

Omosudidae Regan 1911a:131 [ref. 3639] (family) *Omosudis*

Family Alepisauridae Swainson 1839

Alepisaurinae Swainson 1839:175, 240 [ref. 4303] (subfamily) *Alepisaurus* [stem changed to Alepidosaur- by Gill 1862g:127 [ref. 1660] based on *Alepidosaurus*; stem changed to Alepisaurid- by Gill 1884b:620–621 [ref. 33060]; stem sometimes seen as Aleposaur- or Alepesaur-]

Plagyodontoidei Bleeker 1870–75:151 [ref. 428] (family) *Plagyodontis*

Family Pseudotrichonotidae Yoshino & Araga 1975

Pseudotrichonotidae Yoshino & Araga in Masuda, Araga & Yoshino 1975:176 [ref. 2902] (family) *Pseudotrichonotus*

Order Myctophiformes

Family Neoscopelidae Jordan 1901

Neoscopelidae Jordan 1901:226 [ref. 33067] (family) *Neoscopelus*

Scopelengini Parr 1928:48 [ref. 3368] (subfamily) *Scopelengys*

Family Myctophidae Gill 1893 Name in prevailing recent practice, Article 35.5

Scopelini Bonaparte 1831:164 [ref. 4978] (subfamily) *Scopelus* [Richardson 1846:301 [ref. 3742] used Scopelinidae]

Myctophidae Gill 1893b:131 [ref. 26255] (family) *Myctophum* [genus inferred from the stem, Article 11.7.1.1; Myctophidae used as valid by: Jordan 1923 [ref. 2421], Parr 1928 [ref. 3368], Whitley 1936a [ref. 13756], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Wisner 1976 [ref. 19273], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1984) [ref. 13675], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Becker 1992 [ref. 20772], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Zahuranec 2000 [ref. 24618], Chen (2002) [ref. 26587], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Paxton & Bray 2008 [ref. 30633], Fierstine, Huddleston & Takeuchi 2012]

Scopelopsinae Whitley 1932b:333 [ref. 4674] (subfamily) *Scopelopsis* [name only, used as valid before 2000?; not available]

Electronini Wissner 1963:28 [ref. 4759] (tribe) *Electrona*

Lampanyctinae Paxton 1972:45 [ref. 3394] (subfamily) *Lampanyctus* [also as tribe Lampanyctini]

Gonichthyini Paxton 1972:43 [ref. 3394] (tribe) *Gonichthys*

Notolychnini Paxton 1972:45 [ref. 3394] (tribe) *Notolychnus*

Diaphini Paxton 1972:48 [ref. 3394] (tribe) *Diaphus*

Gymnoscopelini Paxton 1972:49 [ref. 3394] (tribe) *Gymnoscopelus*

Order Lampriformes

Family Lampridae Gill 1862 Spelling in prevailing recent practice

Lampridoidae Gill 1862k:240 [ref. 1664] (family) *Lampris* [stem changed to Lampr- by Moreau 1881:v.2 483 [ref. 3040], confirmed by Jordan & Evermann 1896a:953 [ref. 2443], by Jordan 1923a:166 [ref. 2421], by Nelson 1976:180 [ref. 32838], by McAllister 1990:128 [ref. 14674], by Eschmeyer 1998:2466 [ref. 23416] and by Nelson 2006:227–228 [ref. 32486]; family name sometimes seen as Lamprididae]

Family Veliferidae Bleeker 1859

Veliferiformes Bleeker 1859d:XX [ref. 371] (subfamily) *Velifer* [stem Velifer- confirmed by Jordan 1923a:165 [ref. 2121], by Fowler 1958a:4 [ref. 31840] and by Nelson 1976:180 [ref. 32838]]

Family Lophotidae Bonaparte 1845

Lophotini Bonaparte 1845:389 [ref. 32998] (subfamily) *Lophotus* [genus inferred from the stem, Article 11.7.1.1; also Bonaparte 1846:79 [ref. 519]]

Family Radiicephalidae Osório 1917

Radiicephalidae Osório 1917:112, 113 [ref. 3318] (family) *Radiicephalus*

Family Trachipteridae Swainson 1839

Ginnatras Rafinesque 1810a:55 [ref. 3594] (ordine) *Argyctius* [no stem of the type genus, not available, Article 11.7.1.1]

Ginnetridi Rafinesque 1810b:31 [ref. 3595] (ordine) *Argyctius* [no stem of the type genus, not available, Article 11.7.1.1]

Trachypteridae Swainson 1839:47 [ref. 4303] (family) *Trachipterus* [as *Trachypterus*, name must be corrected Article 32.5.3; also as subfamily Trachypterinae; stem corrected to Trachipter- by Jordan

1923a:166 [ref. 2421], confirmed by Fowler 1958a:4 [ref. 31840], by Walters & Fitch 1960:441 [ref. 4580] and by Harrisson & Palmer 1968:197 [ref. 21242]; family name sometimes seen as Trachypteryidae]

Family Regalecidae Gill 1884 Name in prevailing recent practice, Article 35.5

Zitterini Rafinesque 1810b:43 [ref. 3595] (ordine) ? *Xypterus* [published not in latinized form before 1900; not available, Article 11.7.2]

Chiropodia Rafinesque 1814b:101 [ref. 3583] (family) ? *Regalecus* [published not in latinized form before 1900; not available, Article 11.7.2]

Gymnetria Rafinesque 1815:84 [ref. 3584] (subfamily) *Gymnetrus* [family-group name not used as valid in fishes after 1899; Gymnetrinae occupied in Coleoptera Curculionidae]

Taeniosomata Goldfuss 1820:VIII, 68 [ref. 1829] (family) ? *Regalecus* [no stem of the type genus, not available, Article 11.7.1.1]

Taenioideae Richardson 1836:85 [ref. 3731] (family) *Gymnetrus* [no stem of the type genus, not available, Article 11.7.1.1; family name sometimes seen as Taenidae]

Regalecidae Gill 1884b:621 [ref. 33060] (family) *Regalecus* [genus inferred from the stem, Article 11.7.1.1; also Gill 1885a:266 [ref. 1653]; Regalecidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Palmer 1973 [ref. 7195], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Olney 2003 [ref. 27007], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]; family name sometimes seen as Regalacidae]

Agrostichthyidae Phillipps 1924:539 [ref. 3466] (family) *Agrostichthys*

Family Stylephoridae Swainson 1839

Stylephoridae Swainson 1839:47, 49 [ref. 4303] (family) *Stylephorus* [on p. 179 and 260 as Stylophorinae; ICZN Opinion 1603; family name sometimes seen as Stylophoridae]

Order Polymixiiformes

Family Polymixiidae Bleeker 1859

Polymixioidei Bleeker 1859d:XXII [ref. 371] (family) *Polymixia* [stem changed to Polymix- by Poey 1876:205 [ref. 32247]; original stem is correct]

Order Percopsiformes

Family Percopsidae Agassiz 1850

Percopsides Agassiz 1850:286 [ref. 66] (family) *Percopsis* [stem Percops- confirmed by Bleeker 1859d:XXXI [ref. 371], by Günther 1866:207 [ref. 1983] and by Gill 1872:15 [ref26254]]

Family Aphredoderidae Bonaparte 1845

Aphredodeiridae [Aphredoderidae] Bonaparte 1845:388 [ref. 32998] (family) *Aphredoderus* [*Aphredodeirus* inferred from the stem, Article 11.7.1.1; also as subfamily Aphredodeirini; name must be corrected Article 32.5.3; corrected to Aphredoderidae by Bonaparte 1850b [ref. 32551]; family name sometimes seen as Aphodederidae]

Family Amblyopsidae Bonaparte 1845

Heteropygii Tellkampf 1844:392 [ref. 27512] (family) *Amblyopsis* [also Tellkampf 1845 [ref. 27515] and Müller 1845:136 [ref. 32591]; no stem of the type genus, not available, Article 11.7.1.1]

Amblyopsidae Bonaparte 1845:388 [ref. 32998] (family) *Amblyopsis* [genus inferred from the stem, Article 11.7.1.1; also as subfamily Amblyopsini; Bonaparte 1850b [ref. 32551] used Amblyopidae]

Hypsaeidae Storer 1846:435 [ref. 18840] (family) *Amblyopsis* [on p. 258 misprinted as Hypsocidae; no stem of the type genus, not available, Article 11.7.1.1]

Order Gadiformes

Family Muraenolepididae Regan 1903

Muraenolepididae Regan 1903:466 [ref. 3617] (family) *Muraenolepis* [stem changed to Muraenolep- by Jordan 1905:541 [ref. 31955], confirmed by Marshall & Cohen 1973:483, 492 [ref. 32614]; original stem Muraenolepid- confirmed by Nelson 1976:153 [ref. 32838], by Steyskal 1980:170 [ref. 14191] and by Nelson 2006:236 [ref. 32486]]

Family Bregmacerotidae Gill 1872

Bregmacerotidae Gill 1872:3 [ref. 26254] (family) *Bregmaceros* [genus inferred from the stem, Article 11.7.1.1]

Family Euclichthyidae Cohen 1984

Euclichthyidae Cohen 1984:264 [ref. 13646] (family) *Euclichthys*

Family Macrouridae Bonaparte 1831

Subfamily Bathygadinae Jordan & Evermann 1898

Bathygadinae Jordan & Evermann 1898b:2562 [ref. 2445] (subfamily) *Bathygadus*

Subfamily Macrouroidinae Smith & Radcliffe 1912

Macrouroididae Smith & Radcliffe in Radcliffe 1912:138 [ref. 3578] (family) *Macrouroides* [family name sometimes seen as Macroroididae]

Subfamily Trachyrincinae Goode & Bean 1896 Name in prevailing recent practice

Les Lépidolèprides Risso 1827:105 [ref. 3757] (family) *Lepidoleprus* [published not in latinized form before 1900; not available, Article 11.7.2]

Lepidolepridae Swainson 1839:179, 261 [ref. 4303] (family) *Lepidoleprus* [senior objective synonym of Trachyrinchinae Goode & Bean, but never used after 1899]

Lepidosomatidae Adams in Adams, Baikie & Barron 1854:101 [ref. 31954] (family) *Lepidosoma* Swainson [invalid, Article 39]

Trachyrinchinae Goode & Bean 1896:390 [ref. 1848] (subfamily) *Trachyrincus* [as *Trachyrinchus*, name must be corrected Article 32.5.3; corrected to Trachyrincinae by Cohen 1984:264 [ref. 13646], confirmed by Cohen, Inada, Iwamoto & Scialabba 1990:312 [ref. 18936] and by Endo 2002:112 [ref. 26606]; junior objective synonym of Lepidolepridae Swainson 1839, but in prevailing recent practice; family-group name also used as valid by: Quéro *et al.* 1990 [ref. 15946], Sazonov & Iwamoto 1992 [ref. 19517], Nelson 1994 [ref. 26204], Smith & Heemstra 1995 [ref. 21953], Eschmeyer 1998 [ref. 23416], Bailly, Hureau & Pruvost 1999 [ref. 24244], Nelson 2006 [ref. 32486]]

Subfamily Macrourinae Bonaparte 1831

Macrourini Bonaparte 1831:161, 183 [ref. 4978] (subfamily) *Macrourus* [stem changed to Macrur- by Günther 1862a:390 [ref. 1969] based on *Macrurus*]

Coccolini Bonaparte 1846:6, 47 [ref. 519] (subfamily) *Coccolus*

Lepidorhynchini Bleeker 1874c:369 [ref. 435] (phalanx ≈ tribe) *Lepidorhynchus* [genus inferred from the stem, Article 11.7.1.1]

Ateleobrachinae Gilbert & Hubbs 1916:142, 147 [ref. 1636] (subfamily) *Ateleobrachium* [corrected to Ateleobrachiinae by Fowler 1951b:3 [ref.31928]]

Coryphaenoidinae Gilbert & Hubbs 1916:143 [ref. 1636] (subfamily) *Coryphaenoides*

Malacocephalini Iwamoto 1972 (tribe) *Malacocephalus* [in unpublished dissertation: Macrourid fishes of the tribe Malacocephalini (Macrouridae: Gadiformes), not available]

Malacocephalini Iwamoto 1979:157 [ref. 2311] (tribe) *Malacocephalus*

Family Moridae Moreau 1881

Morini Moreau 1881:v.3 247 [ref. 3040] (subfamily) *Mora*

Eretmophoridae Jordan 1923a:164 [ref. 2421] (family) *Eretmophorus*

Tripterophycidae Whitley 1948a:79 [ref. 4710] (family) *Tripterophycis*

Family Melanonidae Goode & Bean 1896

Melanoninae Goode & Bean 1896:353, 380 [ref. 1848] (subfamily) *Melanonus*

Family Gadidae Rafinesque 1810

Gadini Rafinesque 1810b:11 [ref. 3595] (ordine) *Gadus* [latinized to Gadinia by Rafinesque 1815:82 [ref. 3584] (family); latinized to Gadidae by Bonaparte 1831:183 [ref. 4978] (family); considered valid with this authorship by Gill 1893b:137 [ref. 26255], by Nolf 1985:59 [ref. 32698], by Patterson 1993:637 [ref. 32940] and by Sheiko 2013:62 [ref. 32944] Article 11.7.2]

Orthosomata Goldfuss 1820:VII, 54 [ref. 1829] (family) ? *Gadus* [no stem of the type genus, not available, Article 11.7.1.1]

Ranicepini Bonaparte 1835:[14] [ref. 32242] (subfamily) *Raniceps* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Ranicipit- by Bonaparte 1850b [ref. 32551]; stem changed to Ranicepit- by Gill 1872:3 [ref. 26254], confirmed by Gill 1884d:173 [ref. 1725]; stem Ranicipit- confirmed by Howes & Crimmen 1990:162 [ref. 15692] and by Nelson 2006:243 [ref. 32486]]

Eleginini Berg 1940:285, 457 [ref. 5049] (subfamily) *Eleginus* [preoccupied by Elegininae Gill 1862 in fishes, invalid, Article 55.3; Dunn 1989:232, 233, 234 [ref. 16039] used Eleginae]

Merlangiidae Whitley 1968:39 [ref. 22198] *Merlangius* [name only, published after 1960, not available, Article 13.1.1]

Gadiculinae Dunn 1989:232, 234 [ref. 16039] (subfamily) *Gadiculus*

Microgadinae Dunn 1989:232, 233, 234 [ref. 16039] (subfamily) *Microgadus*

Trisopterini Endo 2002:112 [ref. 26606] (tribe) *Trisopterus*

Family Lotidae Bonaparte 1835

Lotini Bonaparte 1835:[14] [ref. 32242] (subfamily) *Lota* [genus inferred from the stem, Article 11.7.1.1]

Brosminae Swainson 1838:317, 322 [ref. 4302] (subfamily) *Brosme* [also Swainson 1839:188, 301 [ref. 4303]; stem changed to Brosmi- by Adams in Adams, Baikie & Barron 1854:104 [ref. 31954] based on *Brosmius*, confirmed by Smitt 1892–95:464 [ref. 4146] and by Gill 1893b:137 [ref. 26255]]

Ciliatinae Gill 1863g:230 [ref. 1687] (subfamily) *Ciliata* [as Cilliatinae on p. 240]

Oninae Gill 1884d:172 [ref. 1725] (subfamily) *Onos* Risso [Gill 1893:137 [ref. 1848] wrote ″Oninae Gill 1888 = Ciliatinae Gill 1862″]

Motellinae Smitt 1892–95:464, 543 [ref. 4146] (subfamily) *Motella*

Gaidropsarinae Jordan & Evermann 1898b:2532 [ref. 2445] (subfamily) *Gaidropsarus*

Family Phycidae Swainson 1838

Phycinae Swainson 1838:317, 321 [ref. 4302] (subfamily) *Phycis* [Swainson 1839:188 [ref. 4303] used Physinae and *Physis*, and on p. 301 he used Phycinae and *Physis*] There is a pending BZN proposal to remove homonymy with a family-group name in Diptera and that would preserve Phycinae in fishes (Case 3605, see Gaimari, Hauser & Fricke (2013)).

Family Merlucciidae Rafinesque 1815

Subfamily Merlucciinae Rafinesque 1815

Merluccia Rafinesque 1815:82 [ref. 3584] (subfamily) *Merluccius* [stem corrected to Merlucci- by Gill 1863g:229 [ref. 1687] and Gill 1863h:244 [ref. 1688], confirmed by Jordan 1923a:164 [ref. 2421], by Lindberg 1971:102 [ref. 27211], by Nelson 1976:155 [ref. 32838] and by Endo 2002:112 [ref. 26606]; stem sometimes seen as Merluc- based on *Merlucius*]

Lyconidae Günther 1887:158 [ref. 2013] (family) *Lyconus*

Macruroninae Regan 1903:465 [ref. 3617] (subfamily) *Macruronus*

Subfamily Steindachneriinae Parr 1942

Steindachnerinae Parr 1942:5 [ref. 3378] (subfamily) *Steindachneria* [stem corrected to Steindachneri- by Marshall & Cohen 1973:483, 493 [ref. 32614], confirmed by Endo 2002:112 [ref. 26606]]

Order Ophidiiformes

Family Ophidiidae Rafinesque 1810

Subfamily Brotulinae Swainson 1838

Brotulinae Swainson 1838:317, 323 [ref. 4302] (subfamily) *Brotula* [also Swainson 1839:188, 301 [ref. 4303]]

Subfamily Brotulotaeniinae Cohen & Nielsen 1978

Brotulataeniinae Cohen & Nielsen 1978:11 [ref. 881] (subfamily) *Brotulotaenia* [as *Brotulataenia*, name must be corrected Article 32.5.3; corrected to Brotulotaeniinae by Carpenter 1988:25 [ref. 9296]]

Subfamily Ophidiinae Rafinesque 1810

Ofidini Rafinesque 1810b:38 [ref. 3595] (ordine) *Ophidion* [as *Ophidium*; latinized to Ophididae by Bonaparte 1831:162, 184 [ref. 4978] (family); stem corrected to Ophidi- by Lowe 1843:92 [ref. 2832], confirmed by Günther 1862a:317, 370 [ref. 1969], by Gill 1872:3 [ref. 26254] and by Carus 1893:578

[ref. 17975]; considered valid with this authorship by Gill 1893b:136 [ref. 26255], by Goode & Bean 1896:345 [ref. 1848], by Nolf 1985:64 [ref. 32698], by Patterson 1993:636 [ref. 32940] and by Sheiko 2013:63 [ref. 32944] Article 11.7.2; family name sometimes seen as Ophidionidae]

Otophidioidei Garman 1899:390 [ref. 1540] (no family-group name)

Lepophidiinae Robins 1961:218 [ref. 3785] (subfamily) *Lepophidium*

Genypterinae Lea 1980 (subfamily) *Genypterus* [in unpublished dissertation: Systematics and zoogeography of cusk-eels of the family Ophidiidae, subfamily Ophidiinae, from the eastern Pacific Ocean, University of Miami, not available]

Subfamily Neobythitinae Radcliffe 1913 Name in prevailing recent practice

Sirembinae Gill 1863h:253 [ref. 1688] (subfamily) *Sirembo*

Bathyonidae Jordan 1905:540 [ref. 31955] (family) *Bathyonus*

Neobythitinae Radcliffe 1913:136 [ref. 3579] (subfamily) *Neobythites* [Neobythitinae used as valid by: Cohen & Nielsen 1978 [ref. 881], Nelson 1984 [ref. 13596], McAllister 1990 [ref. 14674], Nelson 1994 [ref. 26204], Grove & Lavenberg 1997 [ref. 24023], Eschmeyer 1998 [ref. 23416], Nielsen, Cohen, Markle & Robins 1999 [ref. 24448], Nelson 2006 [ref. 32486], Li & Zhang 2011 [ref. 31777]]

Family Carapidae Poey 1867

Subfamily Carapinae Poey 1867 Name and spelling in prevailing recent practice

Fierasferina Günther 1862a:370, 381 [ref. 1969] (group) *Fierasfer* [Fierasferini used as valid after 1899]

Carapidi Poey 1867:209 [ref. 32247] (family) *Carapus* Rafinesque [stem emended to Carapod- by Steyskal 1980:174 [ref. 14191]; Nelson 1976:157 [ref. 32838] and Nelson 2006:244 [ref. 32486] used Carapidae; not preoccupied by Carapini Bonaparte 1850, name not used as valid after 1899, and Carapidae in prevailing recent practice; Carapidae used as valid by: Radcliffe 1913 [ref. 3579], Reid 1940 [ref. 3685], Smith 1955d [ref. 4099], Ancona López 1956 [ref. 12209], Arnold 1956 [ref. 5315], Rosenblatt 1961 [ref. 9374], Robins & Nielsen 1970 [ref. 7778], Cohen & Nielsen 1978 [ref. 881], Trott 1981 [ref. 14205], Williams 1983 [ref. 5367], Nelson 1984 [ref. 13596], Williams 1984 [ref. 6813], Whitehead *et al.* (1986b) [ref. 13677], Shen & Yeh 1987 [ref. 6418], Markle & Olney 1990 [ref. 18996], McAllister 1990 [ref. 14674], Meléndez C. & Markle 1990 [ref. 21690], Quéro *et al.* 1990 [ref. 15946], Tyler, Robins, Smith & Gilmore 1992 [ref. 21501], Williams & Machida 1992 [ref. 18993], Allen & Robertson 1994 [ref. 22193], Parmentier, Castro-Aguirre & Vandewalle 2000 [ref. 24936], Parmentier & Bailly 2002 [ref. 26055], Menezes *et al.* 2003 [ref. 27192], Olney 2003 [ref. 27007], Parmentier 2004 [ref. 27501], Springer & Johnson 2004 [ref. 33199], Anderson 2005 [ref. 28024], Hoese *et al.* 2006, Anderson & Møller 2007 [ref. 29406], Anderson & Satria 2007 [ref. 29406], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Li & Zhang 2011 [ref. 31777], Parmentier 2012 [ref. 32365], Kottelat 2013 [ref. 32989]]

Enchelyophes Fitzinger 1873:43 [ref. 31883] (family) *Enchelyophis*

Disparichthyidae Herre 1935:383 [ref. 2109] (family) *Disparichthys* [also in Herre 1936:436 [ref. 22183]]

Echiodontini Markle & Olney 1990:276 [ref. 18996] (tribe) *Echiodon*

Subfamily Pyramodontinae Smith 1955

Pyramodontidae Smith 1955e:546 [ref. 32503] (family) *Pyramodon*

Subfamily Tetragondacninae Anderson & Satria 2007

Tetragondacninae Anderson & Satria 2007:75 [ref. 29406] (subfamily) *Tetragondacnus*

Family Bythitidae Gill 1861

Subfamily Bythitinae Gill 1861

Bythitinae Gill 1861a:49 [ref. 1766] (subfamily) *Bythites*

Lucifugae Gill 1863h:252 [ref. 1688] (group?) *Lucifuga* [stem Lucifug- confirmed by Jordan & Evermann 1898b:2498 [ref. 2445]]

Pteridiidae Moreau 1881:v.3 228 [ref. 3040] (family) *Pteridium* De Filippi & Vérany [invalid, Article 39]

Protulina Carus 1893:578 [ref. 17975] (subfamily) ? *Pteridium* De Filippi & Vérany [credited to Günther ?; no stem of the type genus, not available, Article 11.7.1.1]

Hephthocarinae Radcliffe 1913:138 [ref. 3579] (subfamily) *Hephthocara*

Subfamily Brosmophycinae Gill 1862

Brosmophycinae Gill 1862n:280 [ref. 1666] (subfamily) *Brosmophycis* [also Gill 1863h:252 [ref. 1688]]

Dinematichthyinae Whitley 1928:303 [ref. 4663] (subfamily) *Dinematichthys* [also as new in Whitley 1935a:239 [ref. 4683], but erroneously as Dinematichyinae]

Dermatopsini Cohen 1966:183 [ref. 9026] (tribe) *Dermatopsis*

Family Aphyonidae Jordan & Evermann 1898

Aphyoninae Jordan & Evermann 1898b:2499 [ref. 2445] (subfamily) *Aphyonus*

Roachiidae Whitley 1976:48 [ref. 4735] (family) '*Roachi?*' [*Roachi?* inferred from the stem; no valid type genus, not available, Article 11.7.1.1]

Family Parabrotulidae Nielsen 1968

Parabrotulinae Nielsen 1968:247 [ref. 32615] (subfamily) *Parabrotula*

Order Batrachoidiformes

Family Batrachoididae Jordan 1896 (1835)

Subfamily Porichthyinae Miranda Ribeiro 1915

Porichthyidae Miranda Ribeiro 1913–15:549 [621] [ref. 3711] (family) *Porichthys*

Subfamily Thalassophryninae Miranda Ribeiro 1915

Thalassophrynidae Miranda Ribeiro 1913–15:553 [625] [ref. 3711] (family) *Thalassophryne*

Subfamily Batrachoidinae Jordan 1896 (1835) Name in prevailing recent practice, Article 40.2

? Cephalotes Goldfuss 1820:IX, 87 [ref. 1829] (family) ? *Batrachus* Bloch & Schneider [no stem of the type genus, not available, Article 11.7.1.1]

Batrachini Bonaparte 1835:[14] [ref. 32242] (subfamily) *Batrachus* Bloch & Schneider [genus inferred from the stem, Article 11.7.1.1; changed to Batrachoideae by Richardson 1836:102 [ref. 3731] (family)]

Batrachoididae Jordan 1896:231 [ref. 2395] (family) *Batrachoides* [replacement name for Batrachini; Batrachoididae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986b) [ref. 13677], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Reis *et al.* 2003 [ref. 27061], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980], Fierstine, Huddleston & Takeuchi 2012]

Subfamily Halophryninae Greenfield, Winterbottom & Collette 2008

Halophryninae Greenfield, Winterbottom & Collette 2008:677 [ref. 30046] (subfamily) *Halophryne*

Order Lophiiformes

Family Lophiidae Rafinesque 1810

Chismopnés Duméril 1805:105 [ref. 1151] (family) ? *Batrachus* Klein [no stem of the type genus, not available, Article 11.7.1.1]

Lofidi Rafinesque 1810b:42 [ref. 3595] (ordine) *Lophius* [latinized to Lophidia by Rafinesque 1815:92 [ref. 3584] (family); latinized to Lophioides by Schinz 1822:496 [ref. 3926]; stem Lophi- confirmed by Eichwald 1831:88 [ref. 5562], by Minding 1832:V, 57 [ref. 3022], by Macleay 1841:265 [ref. 32498], by Gill 1872:2 [ref. 26254] and by Jordan 1923a:242 [ref. 2421]; considered valid with this authorship by Gill 1893b:138 [ref. 26255], by Nolf 1985:57 [ref. 32698] and by Sheiko 2013:65 [ref. 32944] Article 11.7.2]

Les Baudroides Risso 1827:101 [ref. 3757] (family) *Lophius* [no stem of the type genus, not available, Article 11.7.1.1]

Pectorales pédiculées Cuvier 1829:249 [ref. 995] (family) *Lophius* [also seen as Pectorales Pediculati; latinized to Pediculatidae or Pediculati; no stem of the type genus, not available, Article 11.7.1.1]

Family Antennariidae Jarocki 1822

Antennarii Jarocki 1822:401, 406 [ref. 4984] (family) *Antennarius* [stem Antennari- confirmed by Gill

1861a:47 [ref. 1766]]

Chironectidae Swainson 1838:32, 190 [ref. 4302] (family) *Chironectes* Cuvier [also Swainson 1839:195, 330 [ref. 4303]; Bleeker 1859b:370 [ref. 16984] used as stem Cheironecte-; invalid, Article 39]

Halibatrachi van der Hoeven 1855:343 [ref. 2182] (family) ? *Chironectes* Cuvier [no stem of the type genus, not available, Article 11.7.1.1]

Saccariidae Whitley 1968:88 [ref. 22198] (family) *Saccarius* [name only, published after 1960, not available, Article 13.1.1]

Family Tetrabrachiidae Regan 1912

Tetrabrachiinae Regan 1912a:283 [ref. 3644] (subfamily) *Tetrabrachium*

Family Lophichthyidae Boeseman 1964

Lophichthyidae Boeseman 1964:17 [ref. 488] (family) *Lophichthys*

Family Brachionichthyidae Gill 1863

Brachionichthyinae Gill 1863d:90 [ref. 1680] (subfamily) *Brachionichthys*

Family Chaunacidae Gill 1863

Chaunacinae Gill 1863d:90 [ref. 1680] (subfamily) *Chaunax*

Family Ogcocephalidae Gill 1893 Name in prevailing recent practice

Malthaeoidei Bleeker 1859d:XVI [ref. 371] (family) *Malthe* [as *Malthaea*, name must be corrected Article 32.5.3; stem corrected to Malthe- by Gill 1861a:47 [ref. 1766] based on *Malthea*; stem corrected to Malthe- by Poey 1867:209 [ref. 32247] based on *Malthe*; stem corrected to Malth- by Brauer 1906:326 [ref. 632] based on *Malthe*]

Halieuteoidei Bleeker 1859d:228 [ref. 371] (family) *Halieutaea* [as *Halieutea*, name must be corrected Article 32.5.3; stem corrected to Halieutae- by Gill 1863d:89 [ref. 1680]; stem changed to Halieut- by Poey 1867:209 [ref. 32247]]

Onchocephalidae Gill 1893b:138 [ref. 26255] (family) *Ogcocephalus* [*Onchocephalus* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; Jordan 1895:506 [ref. 2394] used Oncocephalidae based on *Oncocephalus*; corrected to Ogcocephalidae by Bean 1903:737 [ref. 16053], confirmed by McCulloch 1921:141 [ref. 2945] and by Jordan 1923a:242 [ref. 2421]; Ogcocephalidae used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Su & Li 2002 [ref. 28836], Bradbury 2003 [ref. 27309], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Ho & Shao 2008 [ref. 30133], Ho 2013 [ref. 32898]; family name sometimes seen as Occocephalidae]

Family Caulophrynidae Goode & Bean 1896

Caulophryninae Goode & Bean 1896:489 [ref. 1848] (subfamily) *Caulophryne*

Family Neoceratiidae Regan 1926

Neoceratiidae Regan 1926:4, 39 [ref. 3679] (family) *Neoceratias* [family name sometimes seen as Neoceratididae]

Family Melanocetidae Gill 1878

Melanocetinae Gill 1878b:227 [ref. 1718] (subfamily) *Melanocetus*

Family Himantolophidae Gill 1861

Himantolophinae Gill 1861a:47 [ref. 1766] (subfamily) *Himantolophus*

Aegaeonichthyinae Gill 1878b:227 [ref. 1718] (subfamily) *Aegaeonichthys*

Family Diceratiidae Regan & Trewavas 1932

Diceratiidae Regan & Trewavas 1932:4, 57 [ref. 3682] (family) *Diceratias* [family name sometimes seen as Diceratididae; senior objective synonym of Aeschynichthyidae Golvan 1962]

Aeschynichthyidae Golvan 1962:173 [ref. 13459] (family) *Aeschynichthys* [junior objective synonym of Diceratiidae, invalid, Article 61.3.2]

Family Oneirodidae Gill 1878

Oneirodinae Gill 1878a:217 [ref. 5604] (subfamily) *Oneirodes* [also Gill 1878b:227 [ref. 1718]]

Family Thaumatichthyidae Smith & Radcliffe 1912
Thaumatichthyidae Smith & Radcliffe 1912:579 [ref. 4057] (family) *Thaumatichthys*
Galatheathaumatidae Whitley 1970:246 [ref. 6601] (family) *Galatheathauma*
Family Centrophrynidae Bertelsen 1951
Centrophrynidae Bertelsen 1951:28, 124 [ref. 287] (family) *Centrophryne*
Family Ceratiidae Gill 1861
Ceratianae Gill 1861a:47 [ref. 1766] (subfamily) *Ceratias* [stem Cerati- confirmed by Gill 1863d:90 [ref. 1680] and by Regan & Trewavas 1932:6, 96 [ref. 3682]; family name sometimes seen as Ceratididae]
Family Gigantactinidae Boulenger 1904
Gigantactinidae Boulenger 1904a:188 [ref. 15112] (family) *Gigantactis* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Gigactinidae]
Laevoceratiidae Regan & Trewavas 1932:6, 92 [ref. 3682] (family) *Laevoceratias*
Family Linophrynidae Regan 1925 Name in prevailing recent practice
Aceratiidae Brauer 1906:323 [ref. 632] (family) *Aceratias*
Linophrynidae Regan 1925:562 [ref. 3677] (family) *Linophryne* [Linophrynidae used as valid by: Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1986b) [ref. 13677], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Su & Li 2002 [ref. 28836], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Fierstine, Huddleston & Takeuchi 2012]
Photocorynidae Regan 1925:562 [ref. 3677] (family) *Photocorynus*
? Eurostrinae Parr 1930a:20 [ref. 16116] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]
? Cryptorostrinae Parr 1930a:20 [ref. 16116] (subfamily) ? [no stem of the type genus, not available, Article 11.7.1.1]

Order Gobiesociformes

Family Gobiesocidae Bleeker 1859
Subfamily Gobiesocinae Bleeker 1859
Céphalotes Duméril 1805:130 [ref. 1151] (family) ? *Gobiesox* [no stem of the type genus, not available, Article 11.7.1.1]
Chimerini Rafinesque 1810b:41 [ref. 3595] (ordine) *Piescephalus* [no stem of the type genus, not available, Article 11.7.1.1]
Discoboles Cuvier 1816:224 [ref. 993] (family) *Lepadogaster* [latinized to Discoboli by Schinz 1822:376 [ref. 3926] and by Eichwald 1831:106 [ref. 5562], confirmed by Minding 1832:V, 69 [ref. 3022] and by Müller 1843:296 [ref. 3063]; no stem of the type genus, not available, Article 11.7.1.1]
Gobiesocioidei Bleeker 1859c:55 [ref. 373] (family) *Gobiesox* [also Bleeker 1859d:XXVI [ref. 371]; stem corrected to Gobiesoc- by Günther 1861c:489 [ref. 1964], confirmed by Gill 1872:5 [ref. 26254] and by Jordan 1923a:238 [ref. 2421]]
Lepadogastrini Canestrini 1871–72:185 [ref. 14130] (family) *Lepadogaster* [stem Lepadogastr- confirmed by Fitzinger 1873:43 [ref. 31883], by Briggs 1955:10 [ref. 637] and by Smith 1964:588 [ref. 3493]; stem changed to Lepadogaster- by Moreau 1881:v.3 355 [ref. 3040], confirmed by Lindberg 1971:208 [ref. 27211]]
Diademichthyidae Whitley 1950:127 [ref. 31944] (subfamily) *Diademichthys* [also Whitley 1951b:403 [ref. 4715]]
Trachelochisminae Briggs 1955:10 [ref. 637] (subfamily) *Trachelochismus*
Haplocylicinae Briggs 1955:10, 20 [ref. 637] (subfamily) *Haplocylix*
Chorisochisminae Briggs 1955:10, 39 [ref. 637] (subfamily) *Chorisochismus*
Diplocrepinae Briggs 1955:10, 41 [ref. 637] (subfamily) *Diplocrepus*
Aspasminae Briggs 1955:10, 132 [ref. 637] (subfamily) *Aspasma*
Subfamily Cheilobranchinae Günther 1870

Chilobranchina Günther 1870:12, 17 [ref. 1995] (group) *Cheilobranchus* [as *Chilobranchus*, name must be corrected Article 32.5.3; stem corrected to Cheilobranch- by Greenwood, Rosen, Weitzman & Myers 1966:398 [ref. 26856], confirmed by Nelson 2006:418 [ref. 32486]]

Alabetidae Gill 1906:585 [ref. 31942] (family) *Alabes* [stem sometimes seen as Alab- or Alabe- or Alabes-]

Order Atheriniformes

Family Atherinidae Risso 1827

Subfamily Atherinomorinae Dyer & Chernoff 1996 Name in prevailing recent practice

Atherioninae Schultz 1948:3 [ref. 3966] (subfamily) *Atherion*

Atherinomorinae Dyer & Chernoff 1996:5 [ref. 23238] (subfamily) *Atherinomorus* [family-group name used as valid by: Dyer 1997 [ref. 23262], Dyer 1998 [ref. 23858], Nelson 2006 [ref. 32486]]

Subfamily Craterocephalinae Dyer & Chernoff 1996

Craterocephalinae Dyer & Chernoff 1996:5 [ref. 23238] (subfamily) *Craterocephalus*

Subfamily Atherininae Risso 1827

? Gymnopomes Duméril 1805:144 [ref. 1151] (family) ? *Atherina* [no stem of the type genus, not available, Article 11.7.1.1]

Persèques Cuvier 1816:287 [ref. 993] (section) *Atherina* [no stem of the type genus, not available, Article 11.7.1.1]

Les Athérinides Risso 1827:469 [ref. 3757] (family) *Atherina* [latinized to Atherinini by Bonaparte 1831:159, 176 [ref. 4978] (subfamily); considered valid with this authorship by Gill 1893b:133 [ref. 26255], by Nolf 1985:69 [ref. 32698], by Patterson 1993:637 and by Sheiko 2013:68 [ref. 32944] [ref. 32940] Article 11.7.2]

Taeniomembrasinae Schultz 1948:2 [ref. 3966] (subfamily) *Taeniomembras* [corrected to Taeniomembradinae by Schultz 1950:150 [ref. 3977]]

Subfamily Bleheratherininae Aarn & Ivantsoff 2009

Bleheratherininae Aarn & Ivantsoff 2009:16 [ref. 30025] (subfamily) *Bleheratherina*

Family Bedotiidae Jordan & Hubbs 1919

Bedotiinae Jordan & Hubbs 1919:19 [ref. 2485] (subfamily) *Bedotia* [Jordan 1923a:177 [ref. 2421] selected Bedotiidae]

Rheoclinae Jordan & Hubbs 1919:20 [ref. 2485] (subfamily) *Rheocles* [changed to Rheoclesinae by Smith 1965a:630 [ref. 4135]]

Family Melanotaeniidae Gill 1894 Name in prevailing usage

Zanteclidae Castelnau 1873:88 [ref. 758] (family) *Zantecla* [never used as valid after 1899, Article 23.9.1.1]

Neoatherinidae Castelnau 1875:32 [ref. 768] (family) *Neoatherina* [never used as valid after 1899, Article 23.9.1.1]

Melanotaeniinae Gill 1894a:708 [ref. 1738] (subfamily) *Melanotaenia* [family name sometimes seen as Melanotaenidae; Melanotaeniidae used as valid by: Jordan 1923 [ref. 2421], Duncker & Mohr 1926 [ref. 15585], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Allen 1978 [ref. 8855], Allen & Kailola 1979 [ref. 8854], Allen 1980 [ref. 99], Allen & Cross 1980 [ref. 8761], Allen & Moore 1981 [ref. 8633], Allen & Ivantsoff 1982 [ref. 8519], Allen & Sarti 1983 [ref. 5354], Nelson 1984 [ref. 13596], Derijst 1989 [ref. 12460], Paxton *et al.* 1989 [ref. 12442], Sterba 1990, Crowley & Ivantsoff 1991 [ref. 19166], Aarn & Ivantsoff 1996 [ref. 22302], Allen & Renyaan 1996 [ref. 22190], Price 1997 [ref. 23466], Eschmeyer 1998 [ref. 23416], McGuigan 2001 [ref. 25582], Allen, Midgley & Allen 2002 [ref. 25930], Page, Sharma & Hughes 2004 [ref. 27702], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Allen & Unmack 2008 [ref. 29477], Allen & Hadiaty 2013 [ref. 32792], Martin & Barclay 2013 [ref. 32819]; so the family-group name Melanotaeniinae Gill 1894 is valid according to Article 23.9.1]

Rhombatractidae Ogilby 1896:119 [ref. 32616] (family) *Rhombatractus* [name dismissed op page 131–133, not available]

Iriatherininae Aarn & Ivantsoff 1997:144 [ref. 23322] (subfamily) *Iriatherina*

Family Pseudomugilidae Kner 1867

Pseudomugilidae Kner 1867:275 [ref. 18426] (family) *Pseudomugil* [also Kner & Steindachner 1867:372

[ref. 2640]]
Kiunginae Saeed, Ivantsoff & Allen 1989:779 [ref. 13533] (subfamily) *Kiunga*
Scaturiginichthyinae Ivantsoff, Unmack, Saeed & Crowley 1991:278 [ref. 19164] (subfamily) *Scaturiginichthys*
Family Atherinopsidae Fitzinger 1873
Subfamily Atherinopsinae Fitzinger 1873
Atherinopses Fitzinger 1873:35 [ref. 31883] (family) *Atherinopsis*
Sorgentininae Pianta de Risso & Risso 1953:12 [ref. 5938] (subfamily) *Sorgentinia* [correct stem is Sorgentini-]
Basilichthyini White 1985:17 [ref. 13551] (tribe) *Basilichthys*
Subfamily Menidiinae Schultz 1948 Name in prevailing recent practice
Heterognathidae Cope 1871:459 [ref. 920] (family) *Heterognathus* [genus inferred from the stem, Article 11.7.1.1]
Melanorhininae Myers & Wade 1942:140 [ref. 3134] (subfamily) *Melanorhinus*
Menidiinae Schultz 1948:3 [ref. 3966] (subfamily) *Menidia* [family-group name used as valid by: Carvalho 1956 [ref. 12055], White 1985 [ref. 13551], Chernoff 1986 [ref. 5847], Nelson 1994 [ref. 26204], Dyer & Chernoff 1996 [ref. 23238], Dyer 1997 [ref. 23262], Eschmeyer 1998 [ref. 23416], Dyer 2000 [ref. 26677], Barbour 2002 [ref. 27833], Nelson 2006 [ref. 32486]]
Membradini Chernoff 1986:206, 239 [ref. 5847] (tribe) *Membras*
Family Notocheiridae Schultz 1950
Tropidostethinae Schultz 1948:3 [ref. 3966] (subfamily) *Tropidostethus* Ogilby [invalid, Article 39]
Notocheirinae Schultz 1950:150 [ref. 3977] (subfamily) *Notocheirus*
Family Isonidae Rosen 1964
Isonidae Rosen 1964:227 [ref. 32216] (family) *Iso*
Family Telmatherinidae Munro 1958
Telmatherinidae Murro 1958:98 [ref. 20253] (family) *Telmatherina* [name only, but used as valid by Munro 1967:177 [ref. 6844] and by Nelson 1994:262 [ref. 26204] Article 13.2.1]
Family Dentatherinidae Patten & Ivantsoff 1983
Dentatherininae Patten & Ivantsoff 1983:331 [ref. 5424] (subfamily) *Dentatherina*
Family Phallostethidae Regan 1916
Phallostethinae Regan 1916:23 [ref. 3667] (subfamily) *Phallostethus*
Neostethinae Aurich 1937:285 [ref. 151] (subfamily / "Familien") *Neostethus*
Gulaphalinae [Gulaphallinae] Aurich 1937:285 [ref. 151] (subfamily / "Familien") *Gulaphallus* [corrected to Gulaphallinae by Fowler 1951b:3 [ref.31928]]

Order Cyprinodontiformes

Family Aplocheilidae Bleeker 1859
? Apalopterinae McClelland 1838:944 [ref. 2924] (subfamily) ? *Aplocheilus* [no stem of the type genus, not available, Article 11.7.1.1]
Aplocheilini Bleeker 1859d:XXX [ref. 371] (cohors) *Aplocheilus* [changed to Haplochilinae by Garman 1895:93 [ref. 1538] (subfamily) based on *Haplochilus*; family name sometimes seen as Haplocheilidae]
Family Nothobranchiidae Garman 1895
Nothobranchiinae Garman 1895:159 [ref. 1538] (subfamily) *Nothobranchius*
Adamini Huber 2000:28, 30 [ref. 32209] (tribe) *Adamas* Huber [emended to Adamantini by Huber 2005:14 [ref. 28394], emendation not justified, Article 29.4; invalid, Article 39]
Epiplatini Huber 2000:28, 32 [ref. 32209] (tribe) *Epiplatys* [also as subtribe Epiplatina; stem emended to Epiplate- by Huber 2005:7 [ref. 28394], emendation not justified, Article 29.4; Epiplateinae preoccupied in Diptera, so this stem invalid, Article 55.3; stem emended back to the original stem Epiplat- by Huber 2012:7 [ref. 32617] to remove homonymy]
Callopanchina Huber 2000:28, 31 [ref. 32209] (subtribe) *Callopanchax* [stem changed to Callopanchac- by Costa 2008:25 [ref. 30126]; original stem is correct]
Aphyosemina Huber 2000:28, 33 [ref. 32209] (subtribe) *Aphyosemion* [emended to Aphyosemiina by

Huber 2005:14 [ref. 28394], emendation not justified, Article 29.4; stem changed to Aphyosemion- by Costa 2008:28 [ref. 30126]]

Adamansini Huber 2007:211 [ref. 29114] (tribe) *Adamans* [senior objective synonym of Fenerbahceini Sonnenberg & van der Zee 2008]

Fenerbahceini Sonnenberg & van der Zee 2008:67 [ref. 29487] (tribe) *Fenerbahce* [junior objective synonym of Adamansini Huber 2007, invalid, Article 61.3.2]

Fenerbahceini Özdikmen 2008:292 [ref. 29474] (tribe) *Fenerbahce* [junior objective synonym of Fenerbahceini Sonnenberg & van der Zee 2008, invalid]

Family "Rivulidae Myers 1925"

Rivulini Myers 1925:371 [ref. 5744] (tribe) *Rivulus* [preoccupied by Rivulini Grote 1895:419 [based on *Rivula* Guenée in Duponchel 1845] in Noctuidae (Lepidoptera), invalid; the case must be referred to the Commission for a ruling to remove homonymy, Article 55.3.1]

Cynolebiatidi Hoedeman 1961:87 [ref. 32210] (tribe) *Cynolebias* [stem emended to Cynolebi- by Huber 2005:15 [ref. 28394]; stem changed to Cynolebias- by Costa 2008:50 [ref. 30126]]

Rachovini Costa 1990:85 [ref. 16650] (tribe) *Rachovia* [corrected to Rachoviini by Costa 1998:79 [ref. 23792], changed back to Rachovini by Costa 2014:177; correct stem is Rachovi-; Costa 2014:177 gave precedence to Rachovini over Neofundulini and Terranatini, although Costa 1998:37 [ref. 23792] had used Neofundulida ('infrafamily') over Rachoviidi (supertribe)]

Neofundulini Costa 1990:85 [ref. 16650] (tribe) *Neofundulus* [also as subtribe Neofundulina]

Terranatini Costa 1990:86 [ref. 16650] (tribe) *Terranatos*

Plesiolebiatini Costa 1990:86 [ref. 16650] (tribe) *Plesiolebias* [emended to Plesiolebiini by Huber 2005:15 [ref. 28394]; stem changed to Plesiolebias- by Costa 2008:74 [ref. 30126]]

Pterolebiatina Costa 1990:87 [ref. 16650] (subtribe) *Pterolebias* [stem emended to Pterolebi- by Huber 2005:14 [ref. 28394]]

Cynopoecilina Costa 1990:88 [ref. 16650] (subtribe) *Cynopoecilus*

Leptolebiatini Costa 1998:73 [ref. 23792] (tribe) *Leptolebias* [emended to Leptolebiini by Huber 2005:15 [ref. 28394]]

Spectrolebiatini Costa 1998:74 [ref. 23792] (tribe) *Spectrolebias* [emended to Spectrolebiini by Huber 2005:15 [ref. 28394]]

Millerichthyini Costa 1998:79 [ref. 23792] (tribe) *Millerichthys*

Simpsonichthyina Costa 1998:75 [ref. 23792] (subtribe) *Simpsonichthys*

Aphyolebiatina Costa 1998:78 [ref. 23792] (subtribe) *Aphyolebias* [emended to Aphyolebiina by Huber 2005:14 [ref. 28394]]

Moemina Costa 1998:78 [ref. 23792] (subtribe) *Moema*

Cryptolebiatinae Costa 2004a:115 [ref. 27763] (subfamily) *Cryptolebias* Costa [invalid, Article 39]

Kryptolebiatinae Costa 2004b:107 [ref. 28584] (subfamily) *Kryptolebias* [stem emended to Kryptolebi- by Huber 2005:15 [ref. 28394]; emendation not justified, Article 29.4; Costa 2008:49 [ref. 30126] used Kryptolebiasinae]

Prorivulini Costa 2008:77 [ref. 30126] (tribe) *Prorivulus*

Family Profundulidae Hoedeman & Bronner 1951

Profundulidi Hoedeman & Bronner 1951:7, 9 [ref. 32174] (tribe) *Profundulus*

Family Fundulidae Günther 1866

Hydrargyrinae Gill 1861a:51 [ref. 1766] (subfamily) *Hydrargira* [as *Hydrargyra*, name must be corrected Article 32.5.3; corrected to Hydrargirinae by Huber 2005:6 [ref. 28394]; nomen oblitum Huber 2005:6 [ref. 28394] Article 23.9.2]

Fundulina Günther 1866:299 [ref. 1983] (group) *Fundulus*

Family Valenciidae Parenti 1981

Valenciidae Parenti 1981:499 [ref. 7066] (family) *Valencia*

Family Goodeidae Jordan & Gilbert 1883

Subfamily Empetrichthyinae Jordan, Evermann & Clark 1930

Empetrichthyidae Jordan, Evermann & Clark 1930:182 [ref. 6476] (family) *Empetrichthys*

Subfamily Goodeinae Jordan & Gilbert 1883

Goodeinae Jordan & Gilbert 1883:327 [ref. 2476] (subfamily) *Goodea* [subfamily name sometimes seen as Goodinae]
Characodontinae Regan 1907:76 [ref. 3629] (subfamily) *Characodon*
Zoogoneticinae Hubbs 1924:4 [ref. 2231] (subfamily) *Zoogoneticus*
Ataeniobiinae Hubbs & Turner 1939:39 [ref. 2265] (subfamily) *Ataeniobius*
Girardinichthyinae Hubbs & Turner 1939:57 [ref. 2265] (subfamily) *Girardinichthys*
Ilyodontini Doadrio & Domínguez 2004:424 [ref. 32211] (tribe) *Ilyodon*
Chapalichthyini Doadrio & Domínguez 2004:424 [ref. 32211] (tribe) *Chapalichthys*
Family Poeciliidae Bonaparte 1831
Subfamily Poeciliinae Bonaparte 1831
Unipupillati Latreille 1825:123 [ref. 31889] (tribe) *Poecilia* [as *Paecilia*; no stem of the type genus, not available, Article 11.7.1.1]
Paecilini Bonaparte 1831:160, 179 [ref. 4978] (subfamily) *Poecilia* [as *Paecilia*, name must be corrected Article 32.5.3; changed to Poëcilioidei by Fitzinger 1832:333 [ref. 5019]; corrected to Poecilinae by Swainson 1838:365 [ref. 4302] and 1839:190 [ref. 4303]; corrected to Poeciliinae by Garman 1895:40 [ref. 1538], confirmed by Jordan & Evermann 1896a:630 [ref.2443] and by Regan 1911d:323 [ref. 5761]]
Belonesocini Bleeker 1863–64:140 [ref. 4859] (stirps) *Belonesox*
Cyprinodontidae limnophagae Günther 1866:300, 339 [ref. 1983] ? *Poecilia* [no stem of the type genus, not available, Article 11.7.1.1]
Gambusiinae Gill 1889e:2446 [ref. 32834] (subfamily) *Gambusia* [stem sometimes seen as Gambus-]
Tomeurinae Eigenmann 1912:460 [ref. 1227] (subfamily) *Tomeurus*
Poeciliopsinae Hubbs 1924:9 [ref. 2231] (subfamily) *Poeciliopsis*
Heterandriini Hubbs 1924:7 [ref. 2231] (tribe) *Heterandria* [stem sometimes seen as Heterandr-]
Girardinini Hubbs 1924:9 [ref. 2231] (tribe) *Girardinus*
Cnesterodontini Hubbs 1924:9 [ref. 2231] (tribe) *Cnesterodon*
Pamphoriini Hubbs 1924:10 [ref. 2231] (tribe) *Pamphoria*
Xiphophorini Hubbs 1924:10 [ref. 2231] (tribe) *Xiphophorus*
Alfarini Hubbs 1924:11 [ref. 2231] (tribe) *Alfaro*
Quintanini Howell Rivero & Rivas 1944:5 [ref. 7312] (tribe) *Quintana*
Xenodexiinae Hubbs 1950:5 [ref. 2250] (subfamily) *Xenodexia* [stem sometimes seen as Xenodex-]
Dicerophallini Álvarez 1952:95 [ref. 102] (tribe) *Dicerophallus*
Scolichthyini Rosen 1967:2 [ref. 3808] (tribe) *Scolichthys*
Priapellini Ghedotti 2000:39 [ref. 27228] (tribe) *Priapella*
Brachyrhaphini Lucinda & Reis 2005:38 [ref. 29205] (tribe) *Brachyrhaphis*
Priapichthyini Lucinda & Reis 2005:38 [ref. 29205] (tribe) *Priapichthys*
Subfamily Procatopodinae Fowler 1916 Name in prevailing recent practice
Procatopinae Fowler 1916b:416 [ref. 1394] (subfamily) *Procatopus* [corrected to Procatopodinae by Myers 1955:7 [ref. 3126], confirmed by Whitehead 1962:10 [ref. 32212] and by Poll & Lambert 1965:615 [ref. 3535]; Procatopodinae also used as valid by: Scheel 1968a [ref. 7644], Scheel 1968b [ref. 7914], Roberts 1970 [ref. 30566], Poll 1971 [ref. 3530], Berkenkamp & Etzel 1981 [ref. 20435], Wildekamp 1977 [ref. 8769], Seegers 1984 [ref. 8975], Scheel 1990, Sterba 1990, Huber 2000 [ref. 32209], Paugy, Lévêque & Teugels 2003b [ref. 29208], Stiassny, Teugels & Hopkins 2007b [ref. 30010]]
Lamprichthyinae Fowler 1916b:416 [ref. 1394] (subfamily) *Lamprichthys*
Pantanodontinae Myers 1955:7 [ref. 3126] (subfamily) *Pantanodon*
Fluviphylacinae Roberts 1970:22 [ref. 30566] (subfamily) *Fluviphylax*
Micropanchina Huber 2000:29, 55 [ref. 32209] (subtribe) *Micropanchax*
Subfamily Aplocheilichthyinae Myers 1928
Aplocheilichthyini Myers 1928:4 [ref. 3101] (tribe) *Aplocheilichthys*
Family Cyprinodontidae Wagner 1828
Subfamily Cubanichthyinae Parenti 1981
Cubanichthyinae Parenti 1981:519 [ref. 7066] (subfamily) *Cubanichthys*

Subfamily Cyprinodontinae Wagner 1828

Cyprinoïdae Wagner 1828:1054 [ref. 17823] (family) *Cyprinodon* [corrected to Cyprinodontes by Müller 1843:320 [ref. 3063]; corrected to Cyprinodontidae by Owen 1846:48 [ref. 32214], confirmed by Huber 2005:4 [ref. 28394]]

Orestiasini Bleeker 1859d:XXX [ref. 371] (cohors) *Orestias* [stem corrected to Orestiad- by Gill 1896g:224 [ref. 32618], confirmed by Huber 2005:8 [ref. 28394]; Jordan & Evermann 1896a:631 [ref. 2443], Meek 1904:118 [ref. 2958], Regan 1911d:325 [ref. 5761], Fowler 1954:225 [ref. 1465], Fowler 1958a:4 [ref. 31840] and Nelson 2006:288 [ref. 32486] used as stem Oresti-; Myers 1931b:12 [ref. 32213] used as stem Orestiat-]

Tellianini Bleeker 1863–64:139 [ref. 4859] (stirps) *Tellia* [nomen oblitum, Huber 2005:6 [ref. 28394] Article 23.9.2]

Cyprinodontidae carnivorae Günther 1866:299, 301 [ref. 1983] ? *Cyprinodon* [no stem of the type genus, not available, Article 11.7.1.1]

Aphaniini Hoedeman 1949 in Hoedeman & de Jong 1947–58:X.40.21, p. 5 [ref. 19665] (tribe) *Aphanius*

Lebiatina Costa 1997:13 [ref. 23302] (clade / subtribe) *Lebias* Goldfuss [invalid, but see ICZN Opinion 2057]

Family Anablepidae Bonaparte 1831

Subfamily Anablepinae Bonaparte 1831 Spelling in prevailing recent practice

Cylindrosomia Rafinesque 1815:89 [ref. 3584] (family) ? *Anableps* [no stem of the type genus, not available, Article 11.7.1.1]

Bipupillati Latreille 1825:123 [ref. 31889] (tribe) *Anableps* [no stem of the type genus, not available, Article 11.7.1.1]

Anableptini Bonaparte 1831:160, 179 [ref. 4978] (subfamily) *Anableps* [corrected to Anablepiformes by Bleeker 1863–64:140 [ref. 4859], this stem Anablep- confirmed by Günther 1866:300 [ref. 1983], by Jordan & Evermann 1896a:632 [ref. 2443], by Fowler 1958a:5 [ref. 31840], by Nelson 1976:175 [ref. 32838], by Eschmeyer 1998:2470 [ref. 23416] and by Nelson 2006:290 [ref. 32486]; stem corrected to Anableps- by Regan 1907:76 [ref. 3629], confirmed by Fowler 1954:231 [ref. 1465] and by Huber 2005:10 [ref. 28394]]

Jenynsiina Günther 1866:300 [ref. 1983] (group) *Jenynsia*

Fitzroyiinae Henn 1916:96 [ref. 2093] (subfamily) *Fitzroyia* [family name sometimes seen as Fitzroyidae]

Subfamily Oxyzygonectinae Parenti 1981

Oxyzygonectinae Parenti 1981:504 [ref. 7066] (subfamily) *Oxyzygonectes*

Order Beloniformes

Family Scomberesocidae Bleeker 1859

Sairidini [Sayridini] Rafinesque 1810b:33 [ref. 3595] (ordine) *Sayris* [published not in latinized form before 1900; not available, Article 11.7.2]

Scomberesoces Müller 1843:310, 312 [ref. 3063] (family) not based on *Scomberesox* [also Müller 1845:102, 131 [ref. 32591] and Müller 1846:172, 202 [ref. 13283], 'between *Scomber* and *Esox*'; no stem of the type genus, not available, Article 11.7.1.1]

Scombresocioidei Bleeker 1859d:XXX [ref. 371] (family) *Scomberesox* [changed to Scombresocidae by Günther 1866:233 [ref. 1983] based on *Scombresox*; stem corrected to Scomberesoc- by Gill 1872:14 [ref. 26254], confirmed by Gill 1893b:133 [ref. 26255] and by Jordan 1923a:161 [ref. 2421]]

Family Belonidae Bonaparte 1835

Belonini Bonaparte 1835:[19] [ref. 32242] (subfamily) *Belone* [genus inferred from the stem, Article 11.7.1.1]

Ramphistomae Swainson 1838:303, 307 [ref. 4302] (no family-group name) [if a family-group name based on *Raphistoma* Rafinesque (as *Ramphistoma*), then invalid, Article 39]

Tylosuridae Starks 1906:781 [ref. 10101] (family) *Tylosurus*

Strongylurinae Fowler 1925:3 [ref. 1401] (subfamily) *Strongylura*

Rhamphistomidae de Buen 1926:58 [ref. 5054] (family) *Raphistoma* Rafinesque [as *Rhamphistoma*, name must be corrected Article 32.5.3; invalid, Article 39]

Petalichthyidae Smith 1949:129 [ref. 5846] (family) *Petalichthys*

Family Hemiramphidae Gill 1859

Hemirhamphinae Gill 1859b:148 [ref. 1762] (subfamily) *Hemiramphus* [as *Hemirhamphus*, name must be corrected Article 32.5.3; stem corrected to Hemiramph- by Gill 1885a:174 [ref. 1653], confirmed by Lindberg 1971:102 [ref. 27211] and by Nelson 1976:171 [ref. 32838]]

Euleptorhamphinae Fowler 1934a:323 [ref. 1416] (subfamily) *Euleptorhamphus*

Oxyporhamphinae Fowler 1934a:327 [ref. 1416] (subfamily) *Oxyporhamphus*

Evolantiidae Smith 1955c:307 [ref. 4096] (family) *Evolantia*

Family Zenarchopteridae Fowler 1934

Zenarchopterinae Fowler 1934a:323 [ref. 1416] (subfamily) *Zenarchopterus* [Meisner & Collette 1999:69 [ref. 23950] gave precedence to Zenarchopterinae over Dermogenyinae]

Dermogenyinae Fowler 1934a:326 [ref. 1416] (subfamily) *Dermogenys*

Family Exocoetidae Risso 1827

Esocetini Rafinesque 1810b:35 [ref. 3595] (ordine) *Exocoetus* [as *Exocetus*; published not in latinized form before 1900; not available, Article 11.7.2]

? Lepomia Rafinesque 1815:88 [ref. 3584] (subfamily) ? *Exocoetus* [no stem of the type genus, not available, Article 11.7.1.1]

Les Exocéides Risso 1827:111 [ref. 3757] (family) *Exocoetus* [as *Exocetus*; latinized to Exocetini (subfamily) by Bonaparte 1831:160, 180 [ref. 4978] based on *Exocetus*, name must be corrected Article 32.5.3; stem corrected to Exocoet- by Gill 1861a:38 [ref. 1766], confirmed by Moreau 1881:v.3 478 [ref. 3040], by Jordan & Evermann 1896a:726 [ref. 2443] and by Jordan 1923a:161 [ref. 2421]; considered valid with this authorship by Gill 1893b:133 [ref. 26255], by Nolf 1985:67 [ref. 32698], by Patterson 1993:638 [ref. 32940] and by Sheiko 2013:68 [ref. 32944] Article 11.7.2]

Fodiatorinae Fowler 1925:3 [ref. 1401] (subfamily) *Fodiator*

Cypselurinae Hubbs 1933:575, 577 [ref. 32619] (subfamily) *Cypselurus* [subfamily name sometimes seen as Cypsilurinae]

Parexocoetinae Bruun 1935:84 [ref. 5130] (subfamily) *Parexocoetus* [name only, but used as valid by Breder 1938:3, 113 [ref. 17133] and by Fowler 1956b:147 [ref. 1468] Article 13.2.1]

Family Adrianichthyidae Weber 1913

Subfamily Oryziinae Myers 1938

Oryziatini Myers 1938:137 [ref. 32227] (tribe) *Oryzias* [stem emended to Oryzi- by Steyskal 1980:172 [ref. 14191], confirmed by Rosen & Parenti 1981:23 [ref. 5538] and by Kottelat 2013b:288 [ref. 32989]]

Horaichthyidae Kulkarni 1940:382 [ref. 2697] (family) *Horaichthys*

Subfamily Adrianichthyinae Weber 1913

Adrianichthyidae Weber 1913b:203 [ref. 4601] (family) *Adrianichthys*

Order Stephanoberyciformes

Family Stephanoberycidae Gill 1884

Stephanoberycidae Gill 1884a:433 [ref. 1728] (family) *Stephanoberyx* [also Gill 1884b:621 [ref. 33060] and Gill 1885a:182 [ref. 1653]]

Family Hispidoberycidae Kotlyar 1981

Hispidoberycidae Kotlyar 1981:411 [ref. 2666] (family) *Hispidoberyx*

Family Melamphaidae Gill 1893

Melamphainae Gill 1893b:133 [ref. 26255] (subfamily) *Melamphaes* [genus inferred from the stem, Article 11.7.1.1; stem sometimes seen as Melamphas- or Melamphae-]

Plectromidae Myers & Storey 1956:23 [ref. 32831] (family) *Plectromus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Family Gibberichthyidae Parr 1933

Gibberichthyidae Parr 1933:4 [ref. 3373] (family) *Gibberichthys*

Kasidoroidae Robins & de Sylva 1965:190 [ref. 3788] (family) *Kasidoron* [stem emended to Kasidor- by Greenwood, Rosen, Weitzman & Myers 1966:395 [ref. 26856], confirmed by Lindberg 1971:76 [ref. 27211], by Steyskal 1980:175 [ref. 14191] and by Böhlke 1984:116 [ref. 13621]]

Order Beryciformes

Family Monocentridae Gill 1859 Spelling in prevailing recent practice

? Notacandia Rafinesque 1815:85 [ref. 3584] (subfamily) ? *Lepisacanthus* [as *Lepicantha*; no stem of the type genus, not available, Article 11.7.1.1]

Monocentroidae Gill 1859b:144 [ref. 1762] (family) *Monocentris* [also as subfamily Monocentrinae; stem emended to Monocentrid- by Steyskal 1980:170 [ref. 14191]; Eschmeyer 1998:2471 [ref. 23416] and Nelson 2006:301 [ref. 32486] used Monocentridae]

Family Trachichthyidae Bleeker 1856

Trachichthyoidei Bleeker 1856b:42, 43 [ref. 352] (family) *Trachichthys* [also Bleeker 1859d:XIX [ref. 371]]

Hoplostethinae Kaup 1873:79 [ref. 2585] (subfamily) *Hoplostethus* [also as new in Whitley 1951a:62 [ref. 4711]]

Korsogasteridae Parr 1933:9 [ref. 3373] (family) *Korsogaster*

Paratrachichthyinae Fowler 1938a:39 [ref. 1426] (subfamily) *Paratrachichthys* [also as new in Whitley 1951a:62 [ref. 4711]]

Sorosichthyidae Whitley 1945:22 [ref. 4707] (family) *Sorosichthys*

Gephyroberycinae Whitley 1951a:62 [ref. 4711] (subfamily) *Gephyroberyx* [genus inferred from the stem, Article 11.7.1.1]

Family Anomalopidae Gill 1889

Heterophthalminae Gill 1862k:237 [ref. 1664] (subfamily) *Heterophthalmus* Bleeker [invalid, Article 39]

Anomalopidae Gill 1889b:227 [ref. 32842] (family) *Anomalops* [family name sometimes seen as Anomalopsidae]

Family Diretmidae Gill 1893

Diretmidae Gill 1893a:105 [ref. 1736] (family) *Diretmus* [genus inferred from the stem, Article 11.7.1.1]

Family Anoplogastridae Gill 1893

Anoplogastrinae Gill 1893b:133 [ref. 26255] (subfamily) *Anoplogaster* [genus inferred from the stem, Article 11.7.1.1; stem sometimes seen as Anoplogaster-]

Caulolepidae Parr 1933:10 [ref. 3373] (family) *Caulolepis* [name only, but used as valid by Berg 1940:[127] [ref. 5049] and by Zehren 1979:20, 35 [ref. 14197] Article 13.2.1]

Family Berycidae Lowe 1839

Berycidae Lowe 1839:76 [ref. 2829] (family) *Beryx*

Centroberycinae Whitley 1951a:62 [ref. 4711] (subfamily) *Centroberyx*

Family Holocentridae Bonaparte 1833

Subfamily Holocentrinae Bonaparte 1833

Holocentrini Bonaparte 1833:fasc. 2 puntata 10 [ref. 516] (subfamily) *Holocentrus* [family name sometimes seen as Holocenthridae based on *Holocenthrus*]

Subfamily Myripristinae Nelson 1955

Myripristinae Nelson 1955:122, 126 [ref. 26709] (subfamily) *Myripristis*

Order Cetomimiformes

Family Rondeletiidae Goode & Bean 1895

Rondeletiidae Goode & Bean 1895a:454 [ref. 5767] (family) *Rondeletia* [also Goode & Bean 1896:67 [ref. 1848]; family name sometimes seen as Rondeletidae]

Family Barbourisiidae Parr 1945

Barbourisidae Parr 1945:127 [ref. 3377] (family) *Barbourisia* [emended to Barbourisiidae by Myers 1946:41 [ref. 32620], confirmed by Lindberg 1971:82 [ref. 27211] and by Nelson 1976:190 [ref. 32838]]

Family Cetomimidae Goode & Bean 1895

Cetomimidae Goode & Bean 1895a:451 [ref. 5767] (family) *Cetomimus* [also Goode & Bean 1896:68 [ref. 1848]]

Ditropichthyinae Parr 1934:20 [ref. 3375] (subfamily) *Ditropichthys*

Mirapinnidae Bertelsen & Marshall 1956:4 [ref. 290] (family) *Mirapinna* [family name sometimes seen as Mirapinnatidae]

Taeniophoridae Bertelsen & Marshall 1956:6 [ref. 290] (family) *Taeniophorus* Bertelsen & Marshall

[invalid, Article 39]
Eutaeniophoridae Bertelsen & Marshall 1958:9 [ref. 291] (family) *Eutaeniophorus*
Megalomycteridae Myers & Freihofer 1966:193 [ref. 3088] (family) *Megalomycter*
Ataxolepidinae Myers & Freihofer 1966:195 [ref. 3088] (subfamily) *Ataxolepis*
Procetichthyinae Paxton 1989:137, 152 [ref. 13435] (subfamily) *Procetichthys*

Order Zeiformes

Family Cyttidae Günther 1860
Cyttina Günther 1860:356, 393 [ref. 1963] (group) *Cyttus*
Family Oreosomatidae Bleeker 1859
Subfamily Pseudocyttinae Tyler, O'Toole & Winterbottom 2003
Pseudocyttinae Tyler, O'Toole & Winterbottom 2003:35, 38, 44 [ref. 26742] (subfamily) *Pseudocyttus*
Subfamily Oreosomatinae Bleeker 1859
Oreosomatoidei Bleeker 1859d:XXIII [ref. 371] (family) *Oreosoma* [stem changed to Oreosom- by Goode & Bean 1896:224 [ref. 1848]; original stem Oreosomat- confirmed by Lindberg 1971:116 [ref. 27211], by Nelson 1976:193 [ref. 32838] and by Nelson 1994:293 [ref. 26204]]
Family Parazenidae McAllister 1968
Subfamily Parazeninae McAllister 1968
Parazenidae Greenwood, Rosen, Weitzman & Myers 1966:398 [ref. 26856] (family) *Parazen* [name only, published after 1960, not available, Article 13.1.1]
Parazenidae McAllister 1968:109 [ref. 26854] (family) *Parazen* [name only, but bibliographic reference to the description by Mead 1957:236 [ref. 33068] Article 13.1.2; family name sometimes seen as Parasenidae]
Subfamily Cyttopsinae
Cyttopsidae Greenwood, Rosen, Weitzman & Myers 1966:398 [ref. 26856] (family) *Cyttopsis* [name only, published after 1960 as a junior synonym; not available, Article 11.6.3]
Cyttopsidae Lindberg 1971:255 [ref. 27211] (family) *Cyttopsis* [name only, published after 1960 as a junior synonym; not available, Article 11.6.3]
Cyttopsinae Tyler, O'Toole & Winterbottom 2003:36 [ref. 26742] (subfamily) *Cyttopsis* [not published according to the rules, not available]
Cyttopsinae Nelson 2006:306 [ref. 32486] (subfamily) *Cyttopsis* [not published according to the rules, not available]
Family Zeniontidae Myers 1960 Spelling in prevailing recent practice
Zeniontidae Myers 1960:90 [ref. 9580] (family) *Zenion* [stem emended to Zeni- by Steyskal 1980:175 [ref. 14191], confirmed by Nelson 1994:292 [ref. 26204]; Nelson 1976:192 [ref. 32838], McAllister 1990:132 [ref. 14674], Tyler, O'Toole & Winterbottom 2003:27 [ref. 26742] and Nelson 2006:306 [ref. 32486] used Zeniont- as stem; family name sometimes seen as Zenionidae]
Family Grammicolepididae Poey 1873
Subfamily Macrurocyttinae Myers 1960
Macrurocyttidae Myers & Storey 1956:19 [ref. 32831] (family) *Macrurocyttus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]
Macrurocyttidae Myers 1960:90 [ref. 9580] (family) *Macrurocyttus*
Subfamily Grammicolepidinae Poey 1873
Grammicolepidi Poey 1873:405 [ref. 3507] (family) *Grammicolepis* [stem Grammicolep- confirmed by Jordan 1923a:171 [ref. 2421]; stem emended to Grammicolepid- by Myers 1960:90 [ref. 9580], confirmed by Greenwood, Rosen, Weitzman & Myers 1966:398 [ref. 26856], by Heemstra 1980:1 [ref. 14195], by Steyskal 1980:170 [ref. 14191] and by Tyler, O'Toole & Winterbottom 2003:36 [ref. 26742]; family name sometimes seen as Gramicolepididae]
Family Zeidae Rafinesque 1815
Zeusidi Rafinesque 1810b:15 [ref. 3595] (ordine) *Zeus* [published not in latinized form before 1900; not available, Article 11.7.2]
Zedia Rafinesque 1815:83 [ref. 3584] (family) *Zeus* [stem corrected to Ze- by Latreille 1825:131 [ref.

31889], confirmed by Bonaparte 1831:158, 174 [ref. 4978]; stem changed to Zen- by Lowe 1839:82 [ref. 2829], confirmed by Gill 1873:787 [ref. 17631]; stem Ze- confirmed by Nelson 1976:192 [ref. 32838] and by Nelson 2006:307 [ref. 32486]]

? Aplodia Rafinesque 1815:84 [ref. 3584] (subfamily) ? *Zeus* [no stem of the type genus, not available, Article 11.7.1.1]

Incertae sedis

Family Elassomatidae Jordan 1877

Elassominae Jordan 1877:50 [ref. 2374] (family) *Elassoma* [corrected to Elassomatidae by Jordan & Gilbert 1881:500 [ref. 12598] and Jordan & Gilbert 1883:461 [ref. 2476], confirmed by Nelson 1976:227 [ref. 32838] and by Nelson 2006:388 [ref. 32486]]

Order Gasterosteiformes

Family Hypoptychidae Steindachner 1880

Hypoptychina Steindachner 1880:258 [ref. 4230] (group) *Hypoptychus* [stem Hypoptych- confirmed by Jordan 1906:716, 719 [ref. 32265]]

Family Gasterosteidae Bonaparte 1831

Gasterosteini Bonaparte 1831:156, 169 [ref. 4978] (subfamily) *Gasterosteus* [family name sometimes seen as Gastrosteidae]

Aspidognathi van der Hoeven 1832:249 [ref. 5061] (family) *Gasterosteus* [no stem of the type genus, not available, Article 11.7.1.1]

Spinachianae Gill 1862j:233 [ref. 1663] (subfamily) *Spinachia* [stem Spinachi- confirmed by Gill 1884c:159 [ref. 17660]; family name sometimes seen as Spinaceidae]

Apeltinae Gill 1884c:157 [ref. 17660] (subfamily) *Apeltes*

Family Aulorhynchidae Gill 1861

Aulorhynchinae Gill 1861j:169 [ref. 1776] (subfamily) *Aulorhynchus*

Family Indostomidae Prashad & Mukerji 1929

Indostomidae Prashad & Mukerji 1929:219 [ref. 3558] (family) *Indostomus*

Family Pegasidae Bonaparte 1831

Eleutheropomi Jarocki 1822:396 [ref. 4984] (family) ? *Pegasus* [no stem of the type genus, not available, Article 11.7.1.1]

Hypostomides Latreille 1825:117 [ref. 31889] (family) *Pegasus* [no stem of the type genus, not available, Article 11.7.1.1]

Pegasini Bonaparte 1831:163, 185 [ref. 4978] (subfamily) *Pegasus*

Order Syngnathiformes

Family Aulostomidae Rafinesque 1815

Aulostomia Rafinesque 1815:90 [ref. 3584] (subfamily) *Aulostomus* [stem changed to Aulostomat- by Weber & de Beaufort 1922:8 [ref. 4598]; original stem Aulostom- confirmed by Jordan 1923a:175 [ref. 2421], by Fowler 1958a:4 [ref. 31840] and by Nelson 1976:194 [ref. 32838]]

Polypterichthyoidei Bleeker 1859d:XXIII [ref. 371] (family) *Polypterichthys*

Family Fistulariidae Stark 1828

Siphonostomes Duméril 1805:138 [ref. 1151] (family) ? *Fistularia* [latinized to Siphonostomi by Jarocki 1822:27, 119 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Bouches en flute Cuvier 1816:348 [ref. 993] (family) *Fistularia* [latinized to Aulostomata by Schinz 1822:549 [ref. 3926]; no stem of the type genus, not available, Article 11.7.1.1]

Fistularidae Stark 1828:488 [ref. 4193] (family) *Fistularia* [stem corrected to Fistulari- by Bonaparte 1850b [ref. 32551], confirmed by Bleeker 1859d:XXVI [ref. 371], by Günther 1861c:529 [ref. 1964], by Weber & de Beaufort 1922:11 [ref. 4598] and by Jordan 1923a:175 [ref. 2421]]

Family Centriscidae Bonaparte 1831

Subfamily Macroramphosinae Bleeker 1879 Name in prevailing recent practice

Siluridi Rafinesque 1810b:35 [ref. 3595] (ordine) *Macroramphosus* [no stem of the type genus, not

available, Article 11.7.1.1]

Orthichthyinae Gill 1862j:234 (footnote) [ref. 1663] (subfamily) *Orthichthys* [family-group name never used as valid after 1899]

Macrorhamphoidei Bleeker 1879a:14 [ref. 460] (family) *Macroramphosus* [*Macrorhamphus* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Macroramphos- by Gill 1884c:156, 162 [ref. 17660]; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Paxton *et al.* 1989 [ref. 12442], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]; family name sometimes seen as †Rhamphosidae]

Subfamily Centriscinae Bonaparte 1831

Centrischini Rafinesque 1810b:34 [ref. 3595] (ordine) *Centriscus* [published not in latinized form before 1900; not available, Article 11.7.2]

Rhynchocephala Goldfuss 1820:VI, 29 [ref. 1829] (family) ? *Centriscus* [no stem of the type genus, not available, Article 11.7.1.1]

Les Centriscides Risso 1827:112 [ref. 3757] (family) *Centriscus* [published not in latinized form before 1900; not available, Article 11.7.2]

Centriscini Bonaparte 1831:178 [ref. 4978] (subfamily) *Centriscus* [senior objective synonym of Amphisileoidei Bleeker 1859]

? Aulostomata Minding 1832:V, 74 [ref. 3022] (family) ? *Centriscus* [no stem of the type genus, not available, Article 11.7.1.1]

Amphisileoidei Bleeker 1859b:373 [ref. 16984] (family) *Amphisile* [also Bleeker 1859d:XV [ref. 371]; stem sometimes seen as Amphisil-; junior objective synonym of Centriscini Bonaparte 1831, invalid, Article 61.3.2]

Family Solenostomidae Nardo 1843

Prostomides Latreille 1825:117 [ref. 31889] (family) *Solenostomus* [no stem of the type genus, not available, Article 11.7.1.1]

Solenostomini Nardo 1843:244 [ref. 31940] (subfamily) *Solenostomus* [stem changed to Solenostomat- by Bleeker 1859d:XV [ref. 371], confirmed by Myers & Storey 1956:25 [ref. 32831] and by Smith 1961b:173 [ref. 18723]; Lindberg 1971:108 [ref. 27211], Nelson 1976:196 [ref. 32838] and Nelson 2006:312 [ref. 32486] used Solenostomidae; senior objective synonym of Solenichthyoidei Bleeker 1865 and of Solenostomatichthyidae Fowler 1934]

Solenichthyoidei Bleeker 1865a:273 [ref. 415] (family) *Solenichthys* [junior objective synonym of Solenostomini Nardo 1843, invalid, Article 61.3.2]

Solenostomatichthyidae Fowler 1934e:311 [ref. 32514] (family) *Solenostomatichthys* [junior objective synonym of Solenostomini Nardo 1843, invalid, Article 61.3.2]

Family Syngnathidae Bonaparte 1831

Subfamily Syngnathinae Bonaparte 1831

Signatidi Rafinesque 1810b:36 [ref. 3595] (ordine) *Syngnathus* [published not in latinized form before 1900; not available, Article 11.7.2]

Aphyostomia Rafinesque 1815:90 [ref. 3584] (family) ? *Syngnathus* [no stem of the type genus, not available, Article 11.7.1.1]

Lophobranchi Jarocki 1822:326, 328 [ref. 4984] (family) ? *Syngnathus* [no stem of the type genus, not available, Article 11.7.1.1]

Syngnathidae Bonaparte 1831:163, 185 [ref. 4978] (family) *Syngnathus*

Scyphini Nardo 1843:244 [ref. 31940] (subfamily) *Scyphius* [correct stem is Scyphi- Sheiko 2013:75 [ref. 32944]]

Siphostomini Bonaparte 1846:9, 89 [ref. 519] (subfamily) *Siphostoma* [correct stem is Siphostomat-; subfamily name sometimes seen as Siphonostominae based on *Siphonostoma*, but that name preoccupied in Copepoda]

Doryrhamphinae Kaup 1853:233 [ref. 2569] (subfamily) *Doryrhamphus* Kaup 1856 [no valid type genus,

not available, Article 11.7.1.1]

Nerophinae Kaup 1853:234 [ref. 2569] (subfamily) *Nerophis*

Doryrhamphinae Kaup 1856c:54 [ref. 2575] (subfamily) *Doryrhamphus*

Solegnathinae Gill 1859b:149 [ref. 1762] (subfamily) *Solegnathus* [Duncker 1912:231 [ref. 1156] used Solenognathina (subfamily) based on *Solenognathus*]

Gastrotokeinae Gill 1896c:158 [ref. 1743] (subfamily) *Gasterotokeus* [as *Gastrotokeus*, name must be corrected Article 32.5.3; ever corrected?]

Gastrophori Duncker 1912:220, 227 [ref. 1156] (group) [no stem of the type genus, not available, Article 11.7.1.1]

Urophori Duncker 1912:220, 231 [ref. 1156] (group) [no stem of the type genus, not available, Article 11.7.1.1]

Doryichthyina Duncker 1912:220, 229 [ref. 1156] (subfamily) *Doryichthys*

Sygnathoidinae [Syngnathoidinae] Fowler 1928:110 [ref. 5596] (subfamily) *Syngnathoides* [corrected to Syngnathoidinae by Fowler 1951b:3 [ref.31928], confirmed by Whitley & Allan 1958:51 [ref. 21838] and by Lindberg 1971:108 [ref. 27211]]

Phyllopteryginae Fowler 1951b:3 [ref.31928] (subfamily) *Phyllopteryx* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid by Whitley & Allan 1958:61 [ref. 21838] Article 13.2.1]

Acentronurinae Whitley & Allan 1958:50 [ref. 21838] (subfamily) *Acentronura*

Leptoichthyinae Whitley & Allan 1958:58 [ref. 21838] (subfamily) *Leptoichthys*

Haliichthyinae Whitley & Allan 1958:61 [ref. 21838] (subfamily) *Haliichthys* [genus inferred from the stem, Article 11.7.1.1]

Subfamily Hippocampinae Bonaparte 1835

Hippocampini Bonaparte 1835:[6] [ref. 32242] (subfamily) *Hippocampus* [genus inferred from the stem, Article 11.7.1.1]

Order Synbranchiformes

Family Synbranchidae Bonaparte 1835

Catremia Rafinesque 1815:93 [ref. 3584] (subfamily) ? *Synbranchus* [no stem of the type genus, not available, Article 11.7.1.1]

Synbranchini Bonaparte 1835:[22] [ref. 32242] (subfamily) *Synbranchus* [genus inferred from the stem, Article 11.7.1.1; stem changed to Symbranch- by Günther 1870:12 [ref. 1995] based on *Symbranchus*; senior objective synonym of Flutidae Jordan 1923]

Ophicardides McClelland 1844:155, 159 [ref. 2928] (no family-group name)

Pneumobranchoidei [Pneumabranchoidei] Bleeker 1859d:XXXII [ref. 371] (family) *Pneumabranchus*

Amphipnoina Günther 1870:12, 13 [ref. 1995] (group) *Amphipnous* [senior objective synonym of Cuchiidae McAllister 1968]

Monopteridae Cope 1871:455 [ref. 920] (family) *Monopterus*

Flutidae Jordan 1923a:129 [ref. 2421] (family) *Fluta* [junior objective synonym of Synbranchini Bonaparte 1835, invalid, Article 61.3.2]

Typhlosynbranchinae Pellegrin 1923:215 [ref. 3403] (subfamily) *Typhlosynbranchus*

Cuchiidae 'Norman' 1957:604 [ref. 31890] (family) *Cuchia* [hand written correction by ??; not available]

Cuchiidae McAllister 1968:159 [ref. 26854] (family) *Cuchia* [name only, but bibliographic reference to the description by Day 1878:656 [ref. 1080] Article 13.1.2; junior objective synonym of Amphipnoina Günther 1870, invalid, Article 61.3.2]

Macrotreminae Rosen & Greenwood 1976:49 [ref. 7094] (subfamily) *Macrotrema* [emended to Macrotrematinae by Bailey & Gans 1998:2 [ref. 23296]]

Family Mastacembelidae Swainson 1839

Mastecemblinae Swainson 1839:175 [ref. 4303] (subfamily) *Mastacembelus* [as *Mastecemblus*, name must be corrected Article 32.5.3; stem corrected to Mastacembel- by Günther 1861c:539 [ref. 1964], confirmed by Gill 1872:21 [ref. 26254] and by Kottelat 2013b:310 [ref. 32989]]

Rhynchobdelloiden Bleeker 1850:cover of preprint of Bleeker 1850 [ref. 16905] (family?) *Rhynchobdella* [cover title in Dutch: Bijdrage tot de kennis der Teuthieden en Rhynchobdelloiden van den Soenda-

Molukschen archipel; published not in latinized form before 1900; not available, Article 11.7.2]

Rhynchobdelloiden Troschel 1852:90 [ref. 33126] (family?) *Rhynchobdella* [genus inferred from the stem, Article 11.7.1.1; published not in latinized form before 1900; not available, Article 11.7.2]

Rhynchobdelloidei Bleeker 1859b:370 [ref. 16984] (family) *Rhynchobdella* [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1859d:XXIII [ref. 371]]

Macrognathidae Fowler 1904:501 [ref. 1367] *Macrognathus* [genus inferred from the stem, Article 11.7.1.1]

Afromastacembelinae Travers 1984:144 [ref. 5147] (subfamily) *Afromastacembelus*

Family Chaudhuriidae Annandale 1918

Chaudhuriidae Annandale 1918:39 [ref. 127] (family) *Chaudhuria*

Pillaiidae Yazdani 1976:166, 169 [ref. 17201] (family) *Pillaia*

Order Scorpaeniformes

Suborder Scorpaenoidei

Family Sebastidae Kaup 1873

Subfamily Sebastinae Kaup 1873

Sebastinae Kaup 1873:79 [ref. 2585] (subfamily) *Sebastes* [genus inferred from the stem, Article 11.7.1.1]

Subfamily Sebastolobinae Matsubara 1943

Sebastolobinae Matsubara 1943:326 [ref. 2905] (subfamily) *Sebastolobus*

Family Setarchidae Matsubara 1943 Name in prevailing recent practice, Article 35.5

Scorpaenellinae Fowler 1938a:51 [ref. 1426] (subfamily) *Scorpaenella*

Setarchinae Matsubara 1943:359 [ref. 2905] (subfamily) *Setarches* [family-group name used as valid by: Smith 1957b [ref. 12168], Eschmeyer & Collette 1966 [ref. 6485], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Imamura 2004 [ref. 29602], Last, Yearsley & Motomura 2005 [ref. 28323], Hoese *et al.* 2006, Jin 2006, Nelson 2006 [ref. 32486]]

Family Neosebastidae Matsubara 1943

Neosebastinae Matsubara 1943:388 [ref. 2905] (subfamily) *Neosebastes*

Family Scorpaenidae Risso 1827

Subfamily Scorpaeninae Risso 1827

Armigenae Latreille 1825:138 [ref. 31889] (family) *Taenianotus* [no stem of the type genus, not available, Article 11.7.1.1]

Les Scorpénides Risso 1827:109 [ref. 3757] (family) *Scorpaena* [latinized to Scorpaenini by Bonaparte 1831:156, 169 [ref. 4978] (subfamily); considered valid with this authorship by Gill 1893b:135 [ref. 26255], by Patterson 1993:642 [ref. 32940] and by Sheiko 2013:105 [ref. 32944] Article 11.7.2]

? Cataphracti Müller 1845:101 [ref. 32591] (family) ? *Scorpaena* / *Trigla* [no stem of the type genus, not available, Article 11.7.1.1]

? Aspidoparei van der Hoeven 1855:392 [ref. 2182] (family) ? *Scorpaena* [no stem of the type genus, not available, Article 11.7.1.1]

Pterodichthyinae Fowler 1938a:51, 77 [ref. 1426] (subfamily) *Pteroidichthys* [as *Pterodichthys*, name must be corrected Article 32.5.3; stem corrected to Pteroidichthy- by Whitley 1954a:60 [ref. 4720], confirmed by Steyskal 1980:170 [ref. 14191] and by Imamura 2004:32 [ref. 29602]]

Taenianotinae Schultz in Schultz, Woods & Lachner 1966:20 [ref. 5366] (subfamily) *Taenianotus*

Subfamily Caracanthinae Gill 1885 Name in prevailing recent practice

Crossodermatidae Guichenot 1869:194 [ref. 1952] (family) *Crossoderma* [name never used as valid after 1899]

Caracanthidae Gill 1885a:254 [ref. 1653] (family) *Caracanthus* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Imamura 2004 [ref. 29602], Hoese *et al.* 2006, Jin 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2012 [ref. 31980]]

Subfamily Pteroinae Kaup 1873

Pteroinae Kaup 1873:79 [ref. 2585] (subfamily) *Pterois* [genus inferred from the stem, Article 11.7.1.1; stem changed to Pteroi- by Schultz in Schultz, Woods & Lachner 1966:21 [ref. 5366]]

Family Apistidae Gill 1859

Apistinae Gill 1859b:144 [ref. 1762] (subfamily) *Apistes*

Family Tetrarogidae Smith 1949 Name in prevailing recent practice

Glyptauchenidae Whitley 1931b:117 [ref. 4673] (family) *Glyptauchen*

Centropogoninae Fowler 1938a:51 [ref. 1426] (subfamily) *Centropogon*

Tetrarogidae Smith 1949:366, 367 [ref. 5846] (family) *Tetraroge* [family-group name used as valid by: Smith 1958 [ref. 4120], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Robins *et al.* 1991b [ref. 14238], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Mandrytsa 2001 [ref. 25636], Imamura 2004 [ref. 29602], Hoese *et al.* 2006, Jin 2006, Nelson 2006 [ref. 32486], Motomura, Last & Johnson 2008 [ref. 29851], Prokofiev 2008 [ref. 29592], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Quéro, Spitz & Vayne 2011 [ref. 31629], Allen & Erdmann 2012 [ref. 31980], Ogihara & Motomura 2012 [ref. 32409]]

Neocentropogoninae Mandrytsa 2001:261 [ref. 25636] (subfamily) *Neocentropogon*

Coccotropsinae Mandrytsa 2001:261 [ref. 25636] (subfamily) *Coccotropsis*

Vespiculinae Mandrytsa 2001:263 [ref. 25636] (subfamily) *Vespicula*

Family Synanceiidae Swainson 1839

Subfamily Minoinae Jordan & Starks 1904

Minoinae Jordan & Starks 1904a:93 [ref. 2527] (subfamily) *Minous*

Subfamily Choridactylinae Kaup 1859

Choridactylinae Kaup 1859a:332 [ref. 2580] (subfamily) *Choridactylus*

Pelorinae Gill 1893b:135 [ref. 26255] (subfamily) *Pelor* Cuvier [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39]

Inimicinae Gill 1905b:224 [ref. 1789] (subfamily) *Inimicus*

Subfamily Synanceiinae Swainson 1839 Spelling in prevailing recent practice

Synanchinae Swainson 1839:180, 267 [ref. 4303] (subfamily) *Synanceia* [as *Synanchia*, name must be corrected Article 32.5.3; corrected to Synanceiaformes by Bleeker 1859d:XXI [ref. 371]; stem changed to Synancei- by Kaup 1873:79 [ref. 2585], confirmed by Nelson 1976:203 [ref. 32838], by Ishida 1994:101 [ref. 22378], by Eschmeyer 1998:2473 [ref. 23416] and by Imamura 2004:33 [ref. 29602]; stem changed to Synance- by Gill 1893b:135 [ref. 26255], confirmed by Jordan & Starks 1904a:93 [ref. 2527] and by Gill 1905b:223 [ref. 1789]; stem changed to Synancej- by Jordan 1923a:210 [ref. 2421], confirmed by Myers & Storey 1956:26 [ref. 32831] and by Lindberg 1971:196 [ref. 27211]; stem changed to Synanci- by Smith 1958c:167 [ref. 4120]; Nelson 2006:324 [ref. 32486] and Kottelat 2013b:316 [ref. 32989] used as stem Synance-; subfamily name sometimes seen as Synancinae; stem Synancei- in prevailing recent practice]

Erosinae Matsubara 1943:420, 425 [ref. 2905] (subfamily) *Erosa*

Trachicephalini Mandrytsa 2001:265 [ref. 25636] (tribe) *Trachicephalus*

Family Eschmeyeridae Mandrytsa 2001

Eschmeyeridae Mandrytsa 2001:259 [ref. 25636] (family) *Eschmeyer*

Family Perryenidae Honma, Imamura & Kawai 2013

Perryenidae Honma, Imamura & Kawai 2013:137 [ref. 32416] (family) *Perryena*

Family Aploactinidae Jordan & Starks 1904

Aploactinae Jordan & Starks 1904a:93 [ref. 2527] (subfamily) *Aploactis* [stem emended to Aploactin- by Greenwood, Rosen, Weitzman & Myers 1966:399 [ref. 26856]; confirmed by Lindberg 1971:196 [ref. 27211], by Nelson 1976:205 [ref. 32838], by Steyskal 1980:171 [ref. 14191] and by Ishida 1994:103 [ref. 22378]; family name sometimes seen as Haploactidae]

Bathyaploactinae Whitley 1933:102 [ref. 4677] (subfamily) *Bathyaploactis* [emended to Bathyaploactininae by Steyskal 1980:172 [ref. 14191], confirmed by Imamura 2004:33 [ref. 29602]]

Matsubarichthyinae Mandrytsa 2001:270 [ref. 25636] (subfamily) *Matsubarichthys*

Family Pataecidae Gill 1872

Pataecidae Gill 1872:5 [ref. 26254] (family) *Pataecus* [genus inferred from the stem, Article 11.7.1.1]

Family Gnathanacanthidae Gill 1892

Gnathanacanthidae Gill 1892a:704 [ref. 32257] (family) *Gnathanacanthus*

Family Congiopodidae Gill 1889 Name in prevailing recent practice, Article 35.5

Agriopodinae Kaup 1859a:332, 340 [ref. 2580] (subfamily) *Agriopus* [stem changed to Agriop- by Greenwood, Rosen, Weitzman & Myers 1966:399 [ref. 26856]]

Congiopodidae Gill 1889a:571, 574, 576 [ref. 1729] (family) *Congiopodus* [genus inferred from the stem, Article 11.7.1.1; Congiopodidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Paxton *et al.* 1989 [ref. 12442], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Imamura 2004 [ref. 29602], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]; stem sometimes seen as Congiop- or Congriopod-]

Family Zanclorhynchidae Mandrytsa 2001

Zanclorhynchidae Mandrytsa 2001:201 [ref. 25636] (family) *Zanclorhynchus*

Suborder Dactylopteroidei

Family Dactylopteridae Gill 1861

Dactylés Duméril 1805:130 [ref. 1151] (family) ? *Dactylopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Dactipli Rafinesque 1810b:28 [ref. 3595] (ordine) ? *Dactylopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Dimeredia Rafinesque 1815:87 [ref. 3584] (subfamily) ? *Dactylopterus* [no stem of the type genus, not available, Article 11.7.1.1]

? Cephalotes Jarocki 1822:133, 140 [ref. 4984] (family) ? *Dactylopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Dactylopterinae Gill 1861a:43 [ref. 1766] (subfamily) *Dactylopterus*

Cephalacanthinae Kaup 1873:79 [ref. 2585] (subfamily) *Cephalacanthus* [on p. 84 as Cephalocanthinae]

Suborder Platycephaloidei

Family Plectrogeniidae Fowler 1938

Plectrogeniinae Fowler 1938a:51 [ref. 1426] (subfamily) *Plectrogenium* [Nelson 2006:329 [ref. 32486] and Jin 2006:249 used Plectrogen- as stem]

Family Parabembridae Jordan & Hubbs 1925

Parabembradidae Jordan & Hubbs 1925:281 [ref. 2486] (family) *Parabembras* [stem changed to Parabembr- by Fowler 1938a:93 [ref. 1426], confirmed by Lindberg 1971:194 [ref. 27211] and by Nelson 2006:328 [ref. 32486]]

Family Bembridae Kaup 1873 Spelling in prevailing recent practice

Bembrasinae Kaup 1873:79 [ref. 2585] (subfamily) *Bembras* [stem corrected to Bembrad- by Jordan 1905:441 [ref. 31955]; stem changed to Bembr- by Fowler 1938a:93 [ref. 1426], confirmed by Nelson 1976:209 [ref. 32838]; stem emended back to Bembrad- by Steyskal 1980:172 [ref. 14191]; Eschmeyer 1998:2473 [ref. 23416], Imamura 2004:33 [ref. 29602] and Nelson 2006:329 [ref. 32486] used Bembridae; family name sometimes seen as Bembracidae]

Family Triglidae Rafinesque 1815

Triglidia Rafinesque 1810a:31 [ref. 3594] (ordine) *Trigla* [published not in latinized form before 1900; not available, Article 11.7.2]

Triglidia Rafinesque 1815:31 [ref. 3584] (subfamily) *Trigla*

Joues cuirassées Cuvier in Cuvier & Valenciennes 1828:572 [ref. 4880] (family) *Trigla* [also in Cuvier 1829:158 [ref. 995]; also Fish with armed cheeks; latinized to Armigenae by Eichwald 1831:85 [ref. 5562]; no stem of the type genus, not available, Article 11.7.1.1]

? Cataphracti Müller 1845:101 [ref. 32591] (family) ? [no stem of the type genus, not available, Article 11.7.1.1]

? Sclerogenidae Owen 1846:49 [ref. 32214] (family) ? [no stem of the type genus, not available, Article 11.7.1.1]

Prionotinae Kaup 1873:79 [ref. 2585] (subfamily) *Prionotus* [genus inferred from the stem, Article 11.7.1.1
Pterygotriglinae Fowler 1938a:101 [ref. 1426] (subfamily) *Pterygotrigla*

Family Peristediidae Jordan & Gilbert 1883 Name in prevailing recent practice, Article 35.5

? Dactylei Jarocki 1822:133, 135 [ref. 4984] (family) ? *Peristedion* [no stem of the type genus, not available, Article 11.7.1.1]

Peristethini Poey 1867:206 [ref. 32247] (subfamily) *Peristethus* [genus inferred from the stem, Article 11.7.1.1; stem changed to Peristethi- by van Oijen, Kawai & Loots 2013:211 [ref. 32725]; senior objective synonym of Peristediinae Jordan & Gilbert 1883; name never used as valid after 1899]

Peristediinae Jordan & Gilbert 1883:732 [ref. 2476] (subfamily) *Peristedion* [stem corrected to Peristediont- by Gill 1893b:137 [ref. 26255], confirmed by Regan 1913a:170 [ref. 32621], by McCulloch 1929–30:396 [ref. 2948] and by Whitley 1933:96 [ref. 4677]; Jordan 1923a:216 [ref. 2421], Lindberg 1971:194 [ref. 27211], Nelson 1976:205 [ref. 32838], Shiino 1976:117, McAllister 1990:190 [ref. 14674], del Cerro & Lloris 1997:93 [ref. 22944], Imamura 2004:33 [ref. 29602], Nelson *et al.* 2004:117 [ref. 27807], Jin 2006:358 and Nelson 2006:329 [ref. 32486] used the original stem Peristedi-; junior objective synonym of Peristethini Poey 1867, but in prevailing recent practice]

Gargariscinae Fowler 1938a:121 [ref. 1426] (subfamily) *Gargariscus*

Family Hoplichthyidae Kaup 1873

Hoplichthinae Kaup 1873:79 [ref. 2585] (subfamily) *Hoplichthys* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Hoplichthy- by Gill 1888:357 [ref. 26431] and Gill 1889a:574 [ref. 1729], confirmed by Gill 1893b:135 [ref. 26255], by Jordan & Hubbs 1925:288 [ref. 2486], by Lindberg 1971:196 [ref. 27211] and by Imamura 2004:33 [ref. 29602]; Fowler 1958a:5 [ref. 31840] used Oplichthyicae (superfamily)]

Family Platycephalidae Swainson 1839

Platycephalinae Swainson 1839:181, 270 [ref. 4303] (subfamily) *Platycephalus*
Onigociinae Jordan & Hubbs 1925:285 [ref. 2486] (subfamily) *Onigocia*
Inegociinae Jordan & Hubbs 1925:286 [ref. 2486] (subfamily) *Inegocia*
Rogadiinae Jordan & Hubbs 1925:286 [ref. 2486] (subfamily) *Rogadius*
Elatinae Whitley 1931c:157 [ref. 16345] (subfamily) *Elates*
Thysanophryinae Whitley 1931c:157 [ref. 16345] (subfamily) *Thysanophrys*
Grammoplitinae Fowler 1938a:89 [ref. 1426] (subfamily) *Grammoplites*
Cymbacephalinae Fowler 1938a:89 [ref. 1426] (subfamily) *Cymbacephalus*

Suborder Anoplopomatoidei

Family Anoplopomatidae Jordan & Gilbert 1883

Anoplopominae Jordan & Gilbert 1883:641 [ref. 2476] (subfamily) *Anoplopoma* [stem corrected to Anoplopomat- by Evermann & Goldsborough 1907:290 [ref. 6532], confirmed by Regan 1913a:171 [ref. 32621], by Lindberg 1971:196 [ref. 27211] and by Nelson 1976:207 [ref. 32838]]

Erilepidinae Gill 1893b:135 [ref. 26255] (subfamily) *Erilepis* Gill 1894 [no valid type genus, not available, Article 11.7.1.1]

Erilepidae Jordan 1917:88 [ref. 2408] (family) *Erilepis*

Suborder Hexagrammoidei

Family Hexagrammidae Jordan 1888

Subfamily Hexagramminae Jordan 1888 Name in prevailing recent practice, Article 35.5

Chiridae Swainson 1839:83, 184, 282 [ref. 4303] (family) *Chirus* [family-group name used as valid after 1899]

Heterolepidina Günther 1860:87 [ref. 1963] (group) *Chirus* [no stem of the type genus, not available, Article 11.7.1.1]

Agramminae Jordan & Gilbert 1883:641 [ref. 2476] (subfamily) *Agrammus*

Hexagrammidae Jordan 1888:147 [ref. 2390] (family) *Hexagrammos* [genus inferred from the stem, Article 11.7.1.1; maybe based on *Hexagrammus*, as did Gill 1889d:2819 [ref. 26214]; Hexagrammidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958,

Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Rutenberg 1970 [ref. 24028], Lindberg 1971 [ref. 27211], Norman & Greenwood 1975, Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], McAllister 1990 [ref. 14674], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Jin 2006, Nelson 2006 [ref. 32486], Fierstine, Huddleston & Takeuchi 2012]

Subfamily Pleurogramminae Rutenberg 1954

Pleurogramminae Rutenberg 1954:152 [ref. 33069] (subfamily) *Pleurogrammus*

Subfamily Ophiodontinae Jordan & Gilbert 1883 Name in prevailing recent practice, Article 35.5

Hoplopomatinae Gill 1862n:278 [ref. 1666] (subfamily) *Oplopoma* [*Hoplopoma* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; name never used as valid after 1899]

Ophiodontinae Jordan & Gilbert 1883:640 [ref. 2476] (subfamily) *Ophiodon* [family-group name used as valid by: Jordan 1917 [ref. 2408], Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Andriashev 1954 [ref. 6547], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], McAllister 1990 [ref. 14674], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Nelson 2006 [ref. 32486]]

Subfamily Oxylebiinae Gill 1862

Oxylebiinae Gill 1862n:277 [ref. 1666] (subfamily) *Oxylebius*

Subfamily Zaniolepidinae Jordan & Gilbert 1883

Zaniolepinae Jordan & Gilbert 1883:641 [ref. 2476] (subfamily) *Zaniolepis* [stem corrected to Zaniolepid- by Quast 1965:582 [ref. 26203], confirmed by Lindberg 1971:198 [ref. 27211], by Nelson 1976:209 [ref. 32838], by Steyskal 1980:170 [ref. 14191] and by McAllister 1990:192 [ref. 14674]]

Suborder Normanichthyoidei

Family Normanichthyidae Clark 1937

Normanichthyidae Clark 1937:90 [ref. 840] (family) *Normanichthys*

Suborder Cottoidei

Family Rhamphocottidae Jordan & Gilbert 1883

Rhamphocottinae Jordan & Gilbert 1883:684 [ref. 2476] (subfamily) *Rhamphocottus*

Family Ereuniidae Jordan & Snyder 1901

Ereuniinae Jordan & Snyder 1901a:377 [ref. 2503] (subfamily) *Ereunias*

Marukawichthidae Sakamoto 1931:53 [ref. 3859] (family) *Marukawichthys* [stem corrected to Marukawichthy- by Lindberg 1971:190 [ref. 27211]]

Family Bathylutichthyidae Balushkin & Voskoboynikova 1990

Bathylutichthyidae Balushkin & Voskoboynikova 1990:185, 186 [ref. 20117] (family) *Bathylutichthys*

Family Cottidae Bonaparte 1831

? Cephalotia Rafinesque 1815:87 [ref. 3584] (subfamily) ? *Cottus* [no stem of the type genus, not available, Article 11.7.1.1]

Cottini Bonaparte 1831:156, 169 [ref. 4978] (subfamily) *Cottus*

Temnistiae Gill 1862b:13 [ref. 1654] (group) *Temnistia*

Uranideae Gill 1875:252 [ref. 33070] (group?) *Uranidea* [genus inferred from the stem, Article 11.7.1.1]

Ascelichthyinae Jordan & Gilbert 1883:683 [ref. 2476] (subfamily) *Ascelichthys*

Synchirinae Bean 1890:641 [ref. 228] (subfamily) *Synchirus*

Pseudoblenniinae Jordan 1896:233 [ref. 2395] (subfamily) *Pseudoblennius* [genus inferred from the stem, Article 11.7.1.1; stem changed to Pseudoblenn- by Watanabe 1960:3, 128 [ref. 11959]]

Jordaniinae Jordan & Evermann 1898a:1880 [ref. 2444] (subfamily) *Jordania*

Scorpaenichthyinae Jordan & Evermann 1898a:1880 [ref. 2444] (subfamily) *Scorpaenichthys* Girard

Hemilepidotinae Jordan & Evermann 1898a:1880 [ref. 2444] (subfamily) *Hemilepidotus*

Myxocephalines [Myoxocephalines] Gill 1905a:349 [ref. 33071] (subfamily) *Myoxocephalus* [published not in latinized form after 1899, not available]

Myoxocephalinae Gill 1908:101 [ref. 33072] (subfamily) *Myoxocephalus* [as Sculpin; genus inferred from the stem, Article 11.7.1.1]

Icelidae Jordan 1923a:212 [ref. 2421] (family) *Icelus*

Oligocottinae Hubbs 1926:1 [ref. 2235] (subfamily) *Oligocottus* [also as tribe Oligocottini]

Clinocottini Hubbs 1926:3 [ref. 2235] (tribe) *Clinocottus*

Artediellinae Taranetz 1935:92 [ref. 4339] (subfamily) *Artediella* [name only, but used as valid by Schmidt 1950:161 [ref. 12471] and by Neyelov 1979:150 [ref. 3152], Article 13.2.1]

Triglopinae Taranetz 1941:429 [ref. 5535] (subfamily) *Triglops* [Lindberg 1971:190, 193 [ref. 27211] used Triglopsinae]

Gymnocanthinae Taranetz 1941:431 [ref. 5535] (subfamily) *Gymnocanthus*

Ricuzeniinae Taranetz 1941:432 [ref. 5535] (subfamily) *Ricuzenius* [name only, but used as valid by Schmidt 1950:165 [ref. 12471] and by Lindberg 1971:194, 195 [ref. 27211], Article 13.2.1]

Radulinae Taranetz 1941:434 [ref. 5535] (subfamily) (subfamily) *Radulinus* [stem corrected to Radulin- by Lindberg 1971:194, 195 [ref. 27211], confirmed by Sheiko 2013:116 [ref. 32944]]

Stlenginae Taranetz 1941:434 [ref. 5535] (subfamily) *Stlengis*

Artediini Taranetz 1941:430 [ref. 5535] (tribe) *Artedius*

Enophryini Taranetz 1941:430 [ref. 5535] (tribe) *Enophrys*

Taurocottini Taranetz 1941:433 [ref. 5535] (tribe) *Taurocottus*

Vellitoridae Myers & Storey 1956:27 [ref. 32831] (family) *Vellitor* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Ceratocottinae Watanabe 1960:3, 110 [ref. 11959] (subfamily) *Ceratocottus*

Cottiusculinae Watanabe 1960:4, 167 [ref. 11959] (subfamily) *Cottiusculus*

Microcottini Neyelov 1976:84 [ref. 33073] (tribe) *Microcottus*

Family Cottocomephoridae Berg 1906

Cottocomephoridae Berg 1906a:30, 32 [ref. 33074] (family) *Cottocomephorus* [also Berg 1906b:909 [ref. 265]]

Family Comephoridae Bonaparte 1850

Comeforini Rafinesque 1810b:39 [ref. 3595] (ordine) ? *Comephorus* [published not in latinized form before 1900; not available, Article 11.7.2]

Comephorini Bonaparte 1850b [ref. 32551] (subfamily) *Comephorus*

Family Abyssocottidae Berg 1907

Abyssocottini Berg 1907:38 [ref. 266] (family) *Abyssocottus*

Family Hemitripteridae Gill 1865 Name in prevailing recent practice, Article 35.5

Blepsinae Swainson 1839:181, 268 [ref. 4303] (subfamily) *Blepsias* [stem corrected to Blepsi- by Jordan & Evermann 1898a:1883 [ref. 2444], confirmed by Myers & Storey 1956:12 [ref. 32831] and by Lindberg 1971:190 [ref. 27211]; stem sometimes seen as Blepisi-]

Hemitripterinae Gill 1865c:251 [ref. 1707] (subfamily) *Hemitripterus* [Hemitripteridae used as valid by: Jordan 1923 [ref. 2421], Schmidt 1950 [ref. 12471], Lindberg 1971 [ref. 27211], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Mecklenburg 2003a [ref. 27294], Nelson *et al.* 2004 [ref. 27807], Vinnikov, Novikov & Vinnikov 2004 [ref. 27723], Nelson 2006 [ref. 32486]]

Nautichthyinae Taranetz 1941:434 [ref. 5535] (subfamily) *Nautichthys*

Family Psychrolutidae Günther 1861

Psychrolutidae Günther 1861c:516 [ref. 1964] (family) *Psychrolutes*

Cottunculidae Regan 1913a:171, 181 [ref. 32621] (family) *Cottunculus*

Neophrynichthyidae Jordan 1923a:214 [ref. 2421] (family) *Neophrynichthys*

Dasycottinae Watanabe 1960:4, 175 [ref. 11959] (subfamily) *Dasycottus*

Gilbertidinae Watanabe 1960:4, 187 [ref. 11959] (subfamily) *Gilbertidia* [correct stem is Gilbertidi- Sheiko 2013:118 [ref. 32944]]

Family Agonidae Swainson 1839

Subfamily Agoninae Swainson 1839

Agonidae Swainson 1839:53, 181, 272 [ref. 4303] (family) *Agonus* [preoccupied by Agonidae Kirby in Insecta; homonymy was removed by Sheiko 1995 [ref. 26672] by changing the insect name to

Agonumidae, ICZN Opinion 1855]
Aspidophoroidei Bleeker 1859d:XXIV [ref. 371] (family) *Aspidophorus* [suppressed type genus, invalid, Article 39; also junior objective synonym of Agonidae Swainson 1839, Article 61.3.2]
Podotheci Gill 1861i:167 [ref. 1775] (group) *Podothecus*
Leptagoninae Gill 1873:786 [ref. 17631] (subfamily) *Leptagonus* [genus inferred from the stem, Article 11.7.1.1]
Subfamily Anoplagoninae Gill 1861
Canthirhynchiformes Bleeker 1859d:XXIV [ref. 371] (subfamily) *Canthyrynchus* [as *Canthirhynchus* in synonymy; no valid type genus, not available, Article 11.7.1.1]
Anoplagoni Gill 1861i:167 [ref. 1775] (group) *Anoplagonus*
Aspidophoroidinae Jordan & Gilbert 1883:724 [ref. 2476] (subfamily) *Aspidophoroides* ["junior objective synonym of Canthirhynchiformes Bleeker 1859"]
Subfamily Bathyagoninae Lindberg 1971
Bathyagoninae Lindberg 1971:188, 192 [ref. 27211] (subfamily) *Bathyagonus*
Subfamily Brachyopsinae Jordan & Evermann 1898
Brachyopsinae Jordan & Evermann 1898a:2032 [ref. 2444] (subfamily) *Brachyopsis*
Telesininae Jordan & Starks 1904b:576 [ref. 10665] (subfamily) *Telesina*
Subfamily Hypsagoninae Gill 1861
Hypsagoni Gill 1861i:167 [ref. 1775] (group) *Hypsagonus*
Percidinae Gill 1897:958 [ref. 33075] (subfamily) *Percis* Scopoli [not preoccupied by Percioidei Bleeker 1859 in fishes, different stem]
Subfamily Xeneretminae Leipertz 1985
Xeneretminae Leipertz 1985:18 [ref. 5243] (subfamily) *Xeneretmus* [diagnostic data of the only included genus on p. 38, 39]
Subfamily Bothragoninae Lindberg 1971
Bothragoninae Lindberg 1971:188, 191 [ref. 27211] (subfamily) *Bothragonus*
Family Cyclopteridae Bonaparte 1831
Plécoptères Duméril 1805:108 [ref. 1151] (family) ? *Cyclopterus* [latinized to Plecopteri by Jarocki 1822:382, 388 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]
Macrostomata Goldfuss 1820:X, 109 [ref. 1829] (family) ? *Cyclopterus* [no stem of the type genus, not available, Article 11.7.1.1]
Cyclopteridae Bonaparte 1831:162, 184 [ref. 4978] (family) *Cyclopterus*
Liparopsidae Garman 1892:14, 40 [ref. 1537] *Liparops* [stem corrected to Liparop- by Jordan 1923a:215 [ref. 2421], confirmed by Sheiko 2013:119 [ref. 32944]]
Aptocyclinae Ueno 1970:56, 58 [ref. 26199] (subfamily) *Aptocyclus*
Family Liparidae Gill 1861 [ICZN Opinion 1673]
Liparinae Gill 1861a:47 [ref. 1766] (subfamily) *Liparis* [stem corrected to Liparid- by Günther 1861c:154 [ref. 1964], confirmed by Gill 1864c:190 [ref. 1700] and by Steyskal 1980:170 [ref. 14191]; family name sometimes seen as Lipariidae; family name has been fixed as Liparidae, ICZN Opinion 1673 [ref. 26873]]
Careproctinae Gill 1873:786 [ref. 17631] (subfamily) *Careproctus*
Amitrinae Jordan & Gilbert 1883:739 [ref. 2476] (subfamily) *Amitra*
Paraliparidinae Gill 1891:373 [ref. 26641] (subfamily) *Paraliparis*
Cyclogasteridae Burke 1912:507 [ref. 14836] (family) *Cyclogaster* Gronow [invalid, Article 39]
Rhodichthyidae Regan 1912c:277 [ref. 3646] (family) *Rhodichthys*
Eutelichthyidae Tortonese 1959:226 [ref. 4417] (family) *Eutelichthys* [Tortonese thought the name Gymnolycodidae Tortonese 1959:230 [ref. 4417] based on *Gymnolycodes* not appropriate]
Nectoliparidinae Kido 1988:163, 164, 245 [ref. 12287] (subfamily) *Nectoliparis*

Order Perciformes

Suborder Percoidei

Family Centropomidae Poey 1867

? Centropomatei Gravenhorst 1843:348 [ref. 32622] (family) ?? *Centropomus* [genus not mentioned, probably not based on *Centropomus*, not available]

Centropomi van der Hoeven 1855:412 [ref. 2182] (no family-group name)

Centropomatida Poey 1867:205 [ref. 32247] (family) *Centropomus* [also as Centropomatidi in Poey 1868:280 [ref. 3505]; stem corrected to Centropom- by Gill 1872:11 [ref. 26254], confirmed by Jordan 1923a:190 [ref. 2421], by Nelson 1976:219 [ref. 32838] and by Nelson 2006:342 [ref. 32486]; senior objective synonym of Oxylabracidae Jordan & Thompson 1905]

Oxylabracidae Jordan & Thompson 1905:239 [ref. 2538] (family) *Oxylabrax* [also Jordan 1905:319 [ref. 31955]; junior objective synonym of Centropomatida Poey 1867, invalid, Article 61.3.2]

Family Ambassidae Klunzinger 1870 Name in prevailing usage

Bogodoidei Bleeker 1856a:396 [ref. 353] (family) *Bogoda* Bleeker [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1859b:363 [ref. 16984] and Bleeker 1859d:XX [ref. 371]; senior objective synonym of Chandidae Fowler 1905; declared nomen oblitum by Kottelat 2003:17 [ref. 26756]]

Ambassoidei Klunzinger 1870:718 [ref. 2621] (family) *Ambassis* [name in prevailing usage, Anderson & Heemstra 2003:199 [ref. 27368] and Kottelat 2003:17 [ref. 26756]; family name sometimes seen as Ambassiidae]

Parambassidae Jordan & Seale 1905:780 [ref. 2495] (family) *Parambassis*

Chandidae Fowler 1905b:500 [ref. 1370] (family) *Chanda* [junior objective synonym of Bogodoidei Bleeker 1856, invalid, Article 61.3.2]

Family Percichthyidae Jordan & Eigenmann 1890 Name in prevailing recent practice

Percichthyini Bleeker 1859d:XIX [ref. 371] (Tribus, no family-group name)

Gadopsidae Günther 1862a:318 [ref. 1969] (family) *Gadopsis*

Percichthyinae Jordan & Eigenmann 1890:332, 336 [ref. 2440] (subfamily) *Percichthys* [Percichthyidae used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Arratia 1982 [ref. 143], Kuiter & Allen 1986 [ref. 5213], Paxton *et al.* 1989 [ref. 12442], McAllister 1990 [ref. 14674], Robins *et al.* 1991a [ref. 14237], Robins *et al.* 1991b [ref. 14238], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Jerry, Elphinstone & Unmack 2001 [ref. 31837], Reis *et al.* 2003 [ref. 27061], López-Arbarello 2004 [ref. 28106], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Nock, Elphinstone, Rowland & Baverstock 2010 [ref. 30979], Morgan, Beatty & Adams 2013 [ref. 32652]]

Sinipercinae Jordan & Richardson 1910:422 [ref. 2494] (subfamily) *Siniperca* [genus inferred from the stem, Article 11.7.1.1]

Nannatherininae Jordan & Hubbs 1919:19 [ref. 2485] (subfamily) *Nannatherina*

Oligoridae Jordan 1923a:191 [ref. 2421] (family) *Oligorus*

Maccullochellidae 'Whitley 1929 in' McCulloch 1929–30:152 [ref. 2948] (family) *Maccullochella*

Nannopercidae Whitley 1940b:419 [ref. 4699] (family) *Nannoperca* [name only, but used as valid by Whitley 1951a:64 [ref. 4711] Article 13.2.1]

Macquariidae Whitley 1951a:63 [ref. 4711] (family) *Macquaria* [name only, used as valid before 2000?, not available]

Plectroplitidae Whitley 1951a:63 [ref. 4711] (family) *Plectroplites* [name only, used as valid before 2000?, not available; family name sometimes seen as Plectroplithidae]

Bostockiidae Whitley 1951a:63 [ref. 4711] (family) *Bostockia* [name only, used as valid before 2000?, not available]

Family Perciliidae Jordan 1923

Perciliidae Jordan 1923a:188 [ref. 2421] (family) *Percilia*

Family Howellidae Ogilby 1899

Howellidae Ogilby 1899a:733 [ref. 3277] (family) *Howella*

Schistopercinae Fowler 1943a:61 [ref. 1441] (subfamily) *Schistoperca*

Family Lateolabracidae

Paralabracinae Fowler 1907e:249 [ref. 1376] (subfamily) *Percolabrax* [no stem of the type genus, not available, Article 11.7.1.1]

Lateolabracidae Springer & Raasch 1995:94, 104 [ref. 25656] (family) *Lateolabrax* [name only, published

after 1960, not available, Article 13.1.1]

Lateolabracidae Orrell, Carpenter, Musick & Graves 2002:619 [ref. 26228] (family) *Lateolabrax* [not published according to the rules, not available]

Lateolabracidae Springer & Johnson 2004:147 [ref. 33199] (family) *Lateolabrax* [not published according to the rules, not available]

Lateolabracidae Smith & Craig 2007:42 [ref. 29042] (family) *Lateolabrax* [not published according to the rules, not available]

Family Latidae Jordan 1888

Latinae Jordan 1888:136 [ref. 2390] (subfamily) *Lates* [genus inferred from the stem, Article 11.7.1.1]

Psammopercini Greenwood 1976:75 [ref. 14198] (tribe) *Psammoperca*

Family Acropomatidae Gill 1893

Acropomidae Gill 1893b:134 [ref. 26255] (subfamily) *Acropoma* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Acropomat- by Boulenger 1904a:179 [ref. 15112], confirmed by Gosline 1966:95 [ref. 32661], by Greenwood, Rosen, Weitzman & Myers 1966:400 [ref. 26856], by Lindberg 1971:142 [ref. 27211] and by Nelson 1976:228 [ref. 32838]]

Malakichthyinae Jordan & Richardson 1910:422 [ref. 2494] (subfamily) *Malakichthys*

Doderleiniinae Jordan & Thompson 1911:439 [ref. 2540] (subfamily) *Doederleinia* [as *Doderleinia*, name must be corrected Article 32.5.3; stem changed to Döderleini- by Fowler 1931a:82 [ref. 1407] based on *Döderleinia*; correct stem is Doederleini- Sheiko 2013:79 [ref. 32944]]

Verilinae Jordan & Jordan 1922:50 [ref. 2487] (subfamily) *Verilus*

Eteliscinae Fowler 1958b:16 [ref. 1470] (subfamily) *Eteliscus*

Synagropinae Smith 1961a:374, 412 [ref. 4128] (subfamily) *Synagrops*

Family Moronidae Jordan & Evermann 1896 Name in prevailing recent practice

Labracinae Gill 1865c:248 [ref. 1707] (subfamily) *Labrax* Cuvier [invalid, Article 39]

Roccidae Gill 1885a:225 [ref. 1653] (family) *Roccus* [name not used as valid after 1899]

Moroninae Jordan & Evermann 1896a:1127 [ref. 2443] (subfamily) *Morone* [Moronidae used as valid by: Jordan 1923 [ref. 2421], Lindberg 1971 [ref. 27211], Daget *et al.* (1986) [ref. 6189], Whitehead *et al.* (1986a) [ref. 13676], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Kim & Jun 1997 [ref. 25729], Eschmeyer 1998 [ref. 23416], Heemstra 2003 [ref. 27043], Paugy, Lévêque & Teugels 2003b [ref. 29208], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Parenti, Kullander & Randall 2013 [ref. 32762]]

Family Polyprionidae Bleeker 1874

Polypriontini Bleeker 1874a:1 [ref. 5110] (phalanx ≈ tribe) *Polyprion* [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1876a:253 [ref. 447]; stem changed to Polyprion- by Jordan & Evermann 1896a:1128 [ref. 2443], confirmed by Fowler 1936c:740 [ref. 6546], by Gosline 1966:95 [ref. 32661] and by Nelson 2006:345 [ref. 32486]]

Family Dinopercidae Heemstra & Hecht 1986 Name in prevailing recent practice, Article 35.5

Centrarchopsinae Fowler 1925:3 [ref. 1401] (subfamily) *Centrarchops*

Dinopercidae Heemstra & Randall 1984:SERRAN 2 [ref. 32843] (family) *Dinoperca* [proposed conditionally, not available, see [ref. 5971]]

Dinopercidae Heemstra & Hecht 1986:19 [ref. 5971] (family) *Dinoperca* [Dinopercidae used as valid by: Smith & Heemstra 1986 [ref. 5715], Nelson 1994 [ref. 26204], Randall 1995 [ref. 22896], Eschmeyer 1998 [ref. 23416], Heemstra & Heemstra 2004 [ref. 28072], Nelson 2006 [ref. 32486]]

Family Serranidae Swainson 1839

Subfamily Serraninae Swainson 1839

Serraninae Swainson 1839:19, 168, 201 [ref. 4303] (subfamily) *Serranus*

Centropristeoidei Bleeker 1859a:352 [ref. 16983] (family) *Centropristis* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Centroprist- by Fitzinger 1873:29 [ref. 31883]]

Dulinae Gill 1861a:31 [ref. 1766] (subfamily) *Dules* [stem changed to Dule- by Fowler 1907d:510 [ref. 1375] and Fowler 1907e:264 [ref. 1376], confirmed by Fowler & Bean 1930:164, 166 [ref. 1477] and by Whitley & Colefax 1938:292 [ref. 4736]]

Hypoplectrini Poey 1871:34 [ref. 3506] (subfamily) *Hypoplectrus*
Paralabracinae Fowler 1907e:249 [ref. 1376] (subfamily) *Paralabrax*
Paracentropristinae Fowler 1925:4 [ref. 1401] (subfamily) *Paracentropristis*
Subfamily Anthiinae Poey 1861 Name in prevailing recent practice, Article 35.5
Caprodontini Bonaparte 1850b [ref. 32551] (subfamily) *Caprodon* [genus inferred from the stem, Article 11.7.1.1]
Anthiadides Poey 1861:363 [ref. 3499] (family) *Anthias* [stem changed to Anthian- by Bleeker 1874a:1 [ref. 5110]; stem corrected to Anthi- by Fowler & Bean 1930:176 [ref. 1477], confirmed by Fowler 1936c:741 [ref. 6546] and by Whitley 1951a:63, 64 [ref. 4711]; family-group name also used as valid by: Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2008 [ref. 29480], Anderson & García-Moliner 2012 [ref. 31761], Williams, Delrieu-Trottin & Planes 2013 [ref. 32703]]
Hypoplectrodidae Whitley 1929a:110 [ref. 4665] (family) *Hypoplectrodes* [also 'Whitley 1929 in' McCulloch 1929–30:153 [ref. 2948]]
Nauruinae Whitley & Colefax 1938:290 [ref. 4736] (subfamily) *Naurua*
Acanthistiinae Fowler 1951a:301 [ref. 12694] (subfamily) *Acanthistius*
Stigmatonotidae Whitley 1954b:25 [ref. 4721] (family) *Stigmatonotus*
Giganthiinae Katayama 1959:105 [ref. 33076] (subfamily) *Giganthias* [name only, but used as valid by Katayama 1960:111 [ref. 32647] and by Gosline 1966:95 [ref. 32661] Article 13.2.1]
Subfamily Epinephelinae Bleeker 1874 Name in prevailing recent practice
Liopropomatina Poey 1867:205 [ref. 32247] (subfamily) *Liopropoma* [stem changed to Liopropom- by Jordan & Evermann 1896a:1127 [ref. 2443], confirmed by Nelson 2006:346 [ref. 32486], by Baldwin & Johnson 2014:1 [ref. 33312] and by Baldwin & Robertson 2014:71 [ref. 33311]; original stem Liopropomat- used by Gosline 1966:95 [ref. 32661] and by Eschmeyer 1998:2476 [ref. 23416]]
Epinephelini Bleeker 1874a:1 [ref. 5110] (phalanx ≈ tribe) *Epinephelus* [also Bleeker 1871–76:1, 22 [ref. 4861] and Bleeker 1876a:253 [ref. 447]]
Niphonidae Jordan 1923a:191 [ref. 2421] (family) *Niphon*
Rainfordiidae McCulloch 1923:119 [ref. 2946] (family) *Rainfordia* [family name sometimes seen as Rainfordidae]
Chorististiinae Fowler & Bean 1930:175 [ref. 1477] (subfamily) *Chorististium*
Cephalopholinae Whitley 1937b:124 [ref. 4689] (subfamily) *Cephalopholis* [name only, but used as valid by Whitley 1951a:61 [ref. 4711] Article 13.2.1; family name sometimes seen as Cephalophidae]
Chromileptidae Whitley 1951a:63 [ref. 4711] (family) *Chromileptes* [name only, used as valid before 2000?, not available]
Plectropomidae Smith 1956:689 [ref. 33077] (family) *Plectropomus* [name only, but used as valid by Smith 1961b:189 [ref. 18723] Article 13.2.1]
Subfamily Grammistinae Bleeker 1857
Grammisteoidei Bleeker 1857:31 [ref. 356] (family) *Grammistes* [also Bleeker 1859d:XX [ref. 371]; stem changed to Grammist- by Poey 1875:79 [ref. 3509], confirmed by Fowler & Bean 1930:176 [ref. 1477], by Whitley 1951a:63 [ref. 4711], by Nelson 1976:221 [ref. 32838] and by Nelson 2006:347 [ref. 32486]; stem sometimes seen as Gramnist-]
Rypticinae Gill 1861a:31 [ref. 1766] (subfamily) *Rypticus* [stem changed to Rhyptic- by Poey 1867:205 [ref. 32247] based on *Rhypticus*, confirmed by Gill 1873:788 [ref. 17631]; original stem Ryptic- confirmed by Jordan & Evermann 1896a:1131 [ref. 2443] and by Myers & Storey 1956:24 [ref. 32831]]
Diploprionti ni Bleeker 1874a:124 [ref. 5110] (phalanx ≈ tribe) *Diploprion* [also Bleeker 1871–76:70 [ref. 4861] and Bleeker 1876a:259 [ref. 447]; stem changed to Diploprion- by Jordan 1923a:195 [ref. 2421], confirmed by Fowler & Bean 1930:175 [ref. 1477], by Katayama 1960:40 [ref. 32647] and by Nelson 2006:346 [ref. 32486]]
Rhegmatinae Jordan & Evermann 1900:3170 [ref. 2446] (subfamily) *Rhegma* [family name sometimes seen as Rhegmidae]
Belonopercinae Fowler & Bean 1930:175 [ref. 1477] (subfamily) *Belonoperca*
Pseudogramminae Fowler 1931a:3 [ref. 1407] (subfamily) *Pseudogramma* [stem emended to

Pseudogrammat- by Steyskal 1980:173 [ref. 14191]; Randall & Baldwin 1997:1 [ref. 22812] used the original stem Pseudogramm-]

Tulepinae [Tulelepinae] Smith 1954c:869 [ref. 4094] (subfamily) *Tulelepis* [correct stem is Tulelepid- Sheiko 2013:81 [ref. 32944]]

Family Ostracoberycidae Fowler 1934

Ostracoberycidae Fowler 1934a:351 [ref. 1416] (family) *Ostracoberyx*

Family Symphysanodontidae Katayama 1984

"famille spéciale" Fourmanoir 1973:36 [ref. 7563] (family) *Symphysanodon* [not named, just: 'On peut cependant se demander si le genre ne merite pas d'appartenir à une famille spéciale'; not available]

Symphysanodontidae Fourmanoir 1981:95 [ref. 8484] (family) *Symphysanodon* [name only, published after 1960, not available, Article 13.1.1]

Symphysanodontidae Katayama in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:138 [ref. 6441] (family) *Symphysanodon*

Family Centrogenyidae Fowler 1907 Name and spelling in prevailing recent practice, Article 40.2

Myriodontoidei Bleeker 1859d:221 [ref. 371] (family) *Myriodon* [senior objective synonym of Centrogenyinae Fowler 1907; name not used as valid after 1899]

Centrogeniinae [Centrogenyinae] Fowler 1907e:250 [ref. 1376] (subfamily) *Centrogenys* [according to Fowler *Myriodon* preoccupied, maybe he meant synonym?; stem changed to Centrogenys- by Weber & de Beaufort 1931:86 [ref. 16094]; stem corrected to Centrogeny- by Sheiko 2013:81 [ref. 32944]; Eschmeyer 1998:2477 [ref. 23416] and Nelson 2006:347 [ref. 32486] used as stem Centrogeni-; junior objective synonym of Myriodontoidei Bleeker 1859, but in prevailing recent practice]

Family Pseudochromidae Müller & Troschel 1849

Subfamily Pseudochrominae Müller & Troschel 1849

Pseudochromidae Müller & Troschel 1849:22 [ref. 3073] (family) *Pseudochromis* [stem changed to Pseudochromid- by Günther 1860:254 [ref. 1963], confirmed by Fitzinger 1873:31 [ref. 31883], by Gill 1890a:4814 [ref. 32974] and by Regan 1913c:114 [ref. 3654]; original stem Pseudochrom- confirmed by Gill 1893b:136 [ref. 26255], by Jordan 1923a:194 [ref. 2421], by Lindberg 1971:140 [ref. 27211] and by Nelson 1976:222 [ref. 32838]]

Cichlopini Bleeker 1875b:2 [ref. 444] (tribe) *Cichlops* [also as phalanx Bleeker 1876b:320 [ref. 448]]

Nesiotidae Myers & Storey 1956:21 [ref. 32831] (family) *Nesiotes* De Vis [genus inferred from the stem, Article 11.7.1.1; unavailable publication; if available then invalid, Article 39]

Assiculinae Gill 2013:131 [ref. 32907] (subfamily) *Assiculus*

Assiculoidinae Gill 2013:133 [ref. 32907] (subfamily) *Assiculoides*

Subfamily Pseudoplesiopinae Bleeker 1875

Pseudoplesiopini Bleeker 1875b:2, 4 [ref. 444] (group) *Pseudoplesiops* [also as phalanx Bleeker 1876b:322 [ref. 448]; stem changed to Pseudoplesiops- by Fowler 1931a:3 [ref. 1407]; original stem Pseudoplesiop- confirmed by Lindberg 1971:140 [ref. 27211] and by Nelson 1976:223 [ref. 32838]]

Subfamily Anisochrominae Smith 1954

Anisochromidae Smith 1954a:298 [ref. 4092] (family) *Anisochromis*

Subfamily Congrogadinae Günther 1862

Congrogadina Günther 1862a:371, 388 [ref. 1969] (group) *Congrogadus*

Haliophidae McCulloch 1915:55 [ref. 2943] (family) *Haliophis*

Halidesmidae Smith 1949:366 [ref. 5846] (family) *Halidesmus*

Blennodesminae Smith 1952:85, 87 [ref. 4082] (subfamily) *Blennodesmus*

Family Grammatidae Jordan 1887

Grammidae Jordan 1887:582 [ref. 2388] (family) *Gramma* [stem emended to Grammat- by Steyskal 1980:173 [ref. 14191], confirmed by Nelson 1994:339 [ref. 26204] and by Nelson 2006:349 [ref. 32486]]

Family Callanthiidae Ogilby 1899

Callanthiinae Ogilby 1899b:172 [ref. 3279] (subfamily) *Callanthias*

Family Plesiopidae Günther 1861

Subfamily Plesiopinae Günther 1861

Plesiopina Günther 1861c:362, 363 [ref. 1964] (group) *Plesiops* [Smith-Vaniz & Johnson 1990:212 [ref. 16561] gave precedence to Plesiopina over Acanthoclinidae; senior objective synonym of Pharopteryginae Fowler 1907]

Pharopteryginae Fowler 1907e:267 [ref. 1376] (subfamily) *Pharopteryx* [stem changed to Pharopteryc- by Greenwood, Rosen, Weitzman & Myers 1966:399 [ref. 26856]; junior objective synonym of Plesiopina Günther 1861, invalid, Article 61.3.2]

Trachinopinae Mooi 1993:322 [ref. 21801] (subfamily) *Trachinops*

Assessorinae Mooi 1993:322 [ref. 21801] (subfamily) *Assessor*

Paraplesiopinae Mooi 1993:322 [ref. 21801] (subfamily) *Paraplesiops*

Fraudellinae Mooi 1993:322 [ref. 21801] (subfamily) *Fraudella*

Subfamily Acanthoclininae Günther 1861

Acanthoclinidae Günther 1861c:297 [ref. 1964] (family) *Acanthoclinus*

Notograptidae Regan 1912c:270 [ref. 3646] (family) *Notograptus*

Family Opistognathidae Bonaparte 1835

Opistognathini Bonaparte 1835:[13] [ref. 32242] (subfamily) *Opistognathus* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Opisthognathidae]

Family Terapontidae Richardson 1842 Name and spelling in prevailing recent practice, Article 35.5

Helotinae Swainson 1839:16, 22, 208 [ref. 4303] (subfamily) *Helotes*

Datninae Swainson 1839:169 [ref. 4303] (subfamily) *Datnia* [stem corrected to Datni- by Bleeker 1859a:352 [ref. 16983], confirmed by Bleeker 1876a:266 [ref. 447], by Kottelat 2000a:93 [ref. 25865] and by Kottelat 2013b:368 [ref. 32989]]

Theraponini Richardson 1842:107 [ref. 13097] (group) *Terapon* [as *Therapon*, name must be corrected Article 32.5.3; stem corrected to Terapont- by McCulloch 1929–30:159 [ref. 2948], confirmed by Vari 1992:1 [ref. 19770] and by Kottelat 2013b:368 [ref. 32989]; family-group name also used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Sterba 1962, Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Daget, Gosse & Thys van den Audenaerde 1986 [ref. 6189], Whitehead *et al.* (1986a) [ref. 13676], Paxton *et al.* 1989 [ref. 12442], Sterba 1990, Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Allen, Midgley & Allen 2002 [ref. 25930], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Maeda, Saeki & Tachihara 2011 [ref. 32004], Allen & Erdmann 2012 [ref. 31980], Vari & Hadiaty 2012 [ref. 31811]; family name sometimes seen as Therapontidae or Teraponidae or Tesapontidae]

Family Banjosidae Jordan & Thompson 1912

Anoplidae Gill 1885a:210 [ref. 1653] (family) *Anoplus* Temminck & Schlegel [genus inferred from the stem, Article 11.7.1.1; invalid, Article 39; family name sometimes seen as Anoplosidae]

Banjosidae Jordan & Thompson 1912:540 [ref. 2541] (family) *Banjos*

Family Kuhliidae Jordan & Evermann 1896

Kuhliidae Jordan & Evermann 1896a:1013 [ref. 2443] (family) *Kuhlia*

Family Centrarchidae Bleeker 1859 Name in prevailing usage, Article 35.5

Grystina Günther 1859:251 [ref. 1961] (group) *Grystes* [stem changed to Gryste- by Bleeker 1876a:261 [ref. 447]; family name sometimes seen as Cristidae; family-group name not used as valid after 1899, Article 23.9.1.1]

Centrarchiformes Bleeker 1859d:XIX [ref. 371] (subfamily) *Centrarchus* [Centrarchidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Branson & Moore 1962 [ref. 27282], Sterba 1962, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Walsh & Burr 1984 [ref. 27284], Cashner, Burr & Rogers 1989 [ref. 13576], Sterba 1990, Robins *et al.* 1991a [ref. 14237], Warren 1992 [ref. 21505], Nelson 1994 [ref. 26204], Springer & Raasch 1995:102 [ref. 25656], Eschmeyer 1998 [ref. 23416], Gilbert 1998 [ref. 23395], Williams & Burgess 1999 [ref. 24029], Roe, Harris & Mayden 2002 [ref. 26504], Near, Bolnick & Wainwright 2004 [ref. 27954], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Harris, Roe & Mayden 2005 [ref. 28246], Nelson

2006 [ref. 32486], Darden 2008 [ref. 29819], Roe, Mayden & Harris 2008 [ref. 29951], Fierstine, Huddleston & Takeuchi 2012, Baker, Blanton & Johnston 2013 [ref. 32561], so the name Centrarchidae is in prevailing usage Article 23.9.1; senior objective synonym of Eucentrarchinae Gill 1864]

Ichthelidae Holbrook 1860:6 [ref. 2185] (family) *Ichthelis*

Pomotini Canestrini 1860:303 [ref. 712] (family) *Pomotis* Cuvier [stem Pomot- confirmed by Fitzinger 1873:30 [ref. 31883]; invalid, Article 39]

Lepominae Gill 1864a:92 [ref. 1706] (subfamily) *Lepomis* [changed to Lepiopominae by Gill in Jordan 1877:31 [ref. 2374] based on *Lepiopomus*; changed to Lepidopominae by Meek 1904:190 [ref. 2958] based on *Lepidopomus*]

Eucentrarchinae Gill 1864a:92 [ref. 1706] (subfamily) *Eucentrarchus* [junior objective synonym of Centrarchiformes Bleeker 1859, invalid, Article 61.3.2]

Micropterinae Gill in Jordan 1877:31 [ref. 2374] (subfamily) *Micropterus*

Ambloplitini Cockerell 1913a:152 [ref. 870] (tribe) *Ambloplites*

Enneacanthini Branson & Moore 1962:17 [ref. 27282] (tribe) *Enneacanthus*

Archoplitini Roe, Harris & Mayden 2002:898 [ref. 26504] (tribe) *Archoplites* [not published according to the rules, not available]

Family Percidae Rafinesque 1815

Subfamily Percinae Rafinesque 1815

Percidi Rafinesque 1810b:16 [ref. 3595] (ordine) *Perca* [published not in latinized form before 1900; not available, Article 11.7.2]

Percidia Rafinesque 1815:85 [ref. 3584] (subfamily) *Perca*

Cephalacoena Latreille 1825:137 [ref. 31889] (tribe) *Perca* [no stem of the type genus, not available, Article 11.7.1.1]

Acerinaeformes Bleeker 1859d:XXI [ref. 371] (subfamily) *Acerina*

Percarinae Gill 1861d:46 [ref. 1768] (subfamily) *Percarina*

Gymnocephalinae Gill 1893b:134 [ref. 26255] (subfamily) *Gymnocephalus* [genus inferred from the stem, Article 11.7.1.1]

Subfamily Lucipercinae Jordan & Evermann 1896

Asperulinae Gill 1861d:46 [ref. 1768] (subfamily) *Asperulus* [no stem of available type genus, not available, Article 11.7.1.1]

Lucipercinae Jordan & Evermann 1896a:1018 [ref. 2443] (subfamily) *Lucioperca*

Sandrinae Eddy & Surber 1947:208 [ref. 32625] (subfamily) *Sander*

Romanichthyinae Dumitrescu, Bănărescu & Stoica 1957:239 [ref. 1155] (subfamily) *Romanichthys*

Subfamily Etheostomatinae Agassiz 1850

Etheostomata Agassiz 1850:298 [ref. 66] (subfamily) *Etheostoma* [family name sometimes seen as Etheostomidae]

Pleurolepinae Jordan 1876:216 [ref. 2371] (subfamily) *Pleurolepis* [correct stem is Pleurolepid-]

Poecilichthyinae Jordan 1876:216 [ref. 2371] (subfamily) *Poecilichthys*

Ammocryptinae Jordan 1929:153 [ref. 6443] (subfamily) *Ammocrypta*

Family Priacanthidae Günther 1859

Priacanthina Günther 1859:215 [ref. 1961] (group) *Priacanthus*

Pseudopriacanthinae Cockerell 1913a:160 [ref. 870] (subfamily) *Pseudopriacanthus*

Family Apogonidae Günther 1859

Subfamily Apogoninae Günther 1859 Name in prevailing recent practice

Cheilodipteroidei Bleeker 1856b:33 [ref. 352] (family) *Cheilodipterus* [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1859d:XX [ref. 371]; stem changed to Chilodipter- by Poey 1867:206 [ref. 32247] based on *Chilodipterus*, confirmed by Gill 1873:788 [ref. 17631]; original stem Cheilodipter- confirmed by Miranda Ribeiro 1913–15:77 [ref. 3711] and by de Buen 1959:195 [ref. 697]]

Apogonina Günther 1859:222 [ref. 1961] (group) *Apogon* [Apogonidae used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Paxton *et al.* 1989 [ref.

12442], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Allen, Midgley & Allen 2002 [ref. 25930], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Thacker 2009 [ref. 30058], Allen & Erdmann 2012 [ref. 31980], Fierstine, Huddleston & Takeuchi 2012]

Amiae Poey 1861:349 [ref. 3499] (group) *Amia* Gronow [as "Amiinae or Apogoninae" in Gill 1862k:237 [ref. 1664]; invalid, Article 39]

Paramioidei Bleeker 1872:137 [ref. 431] (family) *Paramia* [genus inferred from the stem, Article 11.7.1.1]

Apogonichthyidae Snodgrass & Heller 1905:367 [ref. 12322] (family) *Apogonichthys*

Siphamiinae Smith 1955a:61, 62 [ref. 12473] (subfamily) *Siphamia*

Ostorhinchidae Whitley 1959:315 [ref. 4729] (family) *Ostorhinchus*

Amioidinae Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:175 [ref. 33426] (subfamily) *Amioides*

Archamiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:179 [ref. 33426] (tribe) *Archamia*

Glossamiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:180 [ref. 33426] (tribe) *Glossamia*

Lepidamiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:183 [ref. 33426] (tribe) *Lepidamia*

Pristiapogonini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:184 [ref. 33426] (tribe) *Pristiapogon*

Rhabdamiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:185 [ref. 33426] (tribe) *Rhabdamia*

Sphaeramiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:186 [ref. 33426] (tribe) *Sphaeramia*

Veruluxini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:187 [ref. 33426] (tribe) *Verulux*

Zoramiini Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:187 [ref. 33426] (tribe) *Zoramia*

Subfamily Pseudamiinae Smith 1954 Name in prevailing recent practice

Henicichthyidae Tanaka 1915:568 [ref. 4324] (family) *Henicichthys* [family name sometimes seen as Henichthyidae]

Gymnapogonidae Whitley 1941:30 [ref. 4701] (family) *Gymnapogon* [name only, but used as valid by Fowler 1944b:190 [ref. 1451], by Fowler 1949:82 [ref. 1462] and by Lindberg 1971:142 [ref. 27211] Article 13.2.1]

Pseudamiinae Smith 1954b:775, 777 [ref. 4093] (subfamily) *Pseudamia* [family-group name used as valid by: Smith 1955f [ref. 4101], Fraser 1972 [ref. 5195], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Nelson 1994 [ref. 26204], Gon 1995 [ref. 21822], Nelson 2006 [ref. 32486]; stem sometimes seen as Pseudam-]

Paxtoninae Fraser & Mabuchi in Mabuchi, Fraser, Song, Azuma & Nishida 2014:176 [ref. 33426] (subfamily) *Paxton*

Family Epigonidae Poey 1861 Name in prevailing recent practice, Article 35.5

Sphyraenopses Poey 1861:349 [ref. 3499] (group) *Sphyraenops* [stem Sphyraenops- confirmed by Whitley 1951a:65 [ref. 4711]]

Epigoninae Poey 1861:350 [ref. 3499] (group) *Epigonus* [family-group name used as valid by: Fraser 1972 [ref. 5195], Johnson 1984 [ref. 9681], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Abramov 1987 [ref. 13520], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Gon 1999 [ref. 24835], Gon 2003 [ref. 27085], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Okamoto 2011 [ref. 31268], Parin, Prokofiev & Bussarawit 2012 [ref. 31975], Okamoto & Motomura 2013 [ref. 32772]] [

Family Dinolestidae Whitley 1948

Dinolestidae Whitley 1948b:19 [ref. 17984] (family) *Dinolestes* [name only, but used as valid by Scott 1962:175, 184 [ref. 6608] and by Fraser 1971:157 [ref. 21276] Article 13.2.1]

Family Sillaginidae Richardson 1846

Sillaginidae Richardson 1846:223 [ref. 3742] (family) *Sillago*

Sillaginopsinae Fowler 1933:415 [ref. 1414] (subfamily) *Sillaginopsis*

Family Malacanthidae Poey 1861

Subfamily Malacanthinae Poey 1861

Malacanthini Poey 1861:377 [ref. 3499] (family) *Malacanthus* [also but later, Malacanthidae Günther 1861c:359 [ref. 1964]]

Hoplolatilinae Imamura 2000:218, 219 [ref. 24799] (subfamily) *Hoplolatilus*

Subfamily Latilinae Gill 1862

Latiloidae Gill 1862a:514 [ref. 1782] (family) *Latilus*

Caulolatilinae Gill 1893b:136 [ref. 26255] (subfamily) *Caulolatilus* [genus inferred from the stem, Article 11.7.1.1]

Branchiostegidae Jordan 1923a:202 [ref. 2421] (family) *Branchiostegus*

Family Lactariidae Boulenger 1904

Lactariidae Boulenger 1904a:180 [ref. 15112] (family) *Lactarius*

Family Scombropidae Gill 1862

Scombropinae Gill 1862k:237 [ref. 1664] (subfamily) *Scombrops* [stem changed to Scombropis- by Bleeker 1876b:335 [ref. 448]; family name sometimes seen as Scombropsidae]

Family Pomatomidae Gill 1863

Pomatominae Gill 1863a:431, 443 [ref. 1669] (subfamily) *Pomatomus*

Temnodontes Fitzinger 1873:32 [ref. 31883] (family) *Temnodon*

Family Rachycentridae Gill 1896 Name in prevailing usage, Article 35.5

Elacateiformes Bleeker 1859d:XXII [ref. 371] (subfamily) *Elacate* [stem changed to Elacat- by Gill 1861a:37 [ref. 1766], confirmed by Poey 1867:208 [ref. 32247], by Gill 1873:788 [ref. 17631] and by Myers & Storey 1956:15 [ref. 32831]; subfamily-name later used in Coleoptera; not used as valid in fishes after 1899 Article 23.9.1.1]

Rachicentridae Gill 1896f:218 [ref. 33078] (family) *Rachycentron* [as *Rachicentron*, name must be corrected Article 32.5.3; Rachycentridae according to Gill 1896f:218 [ref. 33078] not correct; corrected to Rachycentridae by Jordan & Evermann 1896a:947 [ref. 2443], confirmed by Jordan 1923a:186 [ref 2421]; Boulenger 1904a:181 [ref. 15112] used Rhachicentridae; Rachycentridae also used as valid by: Schultz with Stern 1948 [ref. 31938], Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Bauchot & Desoutter 1989 [ref. 15502], Shaffer & Nakamura 1989 [ref. 13517], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], O'Toole 2002 [ref. 26411], Collette 2003 [ref. 27087], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese & Paxton 2006 [ref. 29087], Nelson 2006 [ref. 32486], Springer & Smith-Vaniz 2008 [ref. 31826], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980], so the family-group name Rachycentridae is in prevailing usage Article 23.9.1; family name sometimes seen as Rhachycentridae]

Family Echeneidae Rafinesque 1810 Spelling in prevailing recent practice

Echeneidi Rafinesque 1810b:29 [ref. 3595] (ordine) *Echeneis* [stem latinized to Echeneid- by Bonaparte 1831:162, 184 [ref. 4978], confirmed by Poey 1867:208 [ref. 32247], by Gill 1893b:137 [ref. 26255] and by Steyskal 1980:170 [ref. 14191]; considered valid with this authorship by Gill 1893b:137 [ref. 26255], by Nolf 1985:84 [ref. 32698] and by Sheiko 2013:86 [ref. 32944] Article 11.7.2; Jordan 1923a:227 [ref. 2421], Lindberg 1971:204 [ref. 27211], Nelson 1976:232 [ref. 32838], Eschmeyer 1998:2478 [ref. 23416] and Nelson 2006:361 [ref. 32486] used Echeneidae; senior objective synonym of Leptecheneides Gill 1864]

Naucrateoidei van der Hoeven 1832:192 [ref. 5061] (family) ? *Echeneis* [no stem of the type genus, not available, Article 11.7.1.1]

? Platycephali Minding 1832:VII, 91 [ref. 3022] (family) ? *Echeneis* [no stem of the type genus, not available, Article 11.7.1.1]

Remorae Gill 1862k:239 [ref. 1664] (group) *Remora* [stem Remor- confirmed by Maul 1956:18 [ref. 32844]]

Leptecheneides Gill 1864b:60 [ref. 1695] (group) *Leptecheneis* [junior objective synonym of Echeneidi Rafinesque 1810, invalid, Article 61.3.2]

Family Carangidae Rafinesque 1815

Selenidi Rafinesque 1810b:15 [ref. 3595] (ordine) *Selene* [published not in latinized form before 1900; not available, Article 11.7.2]

? Acanti Rafinesque 1810b:18 [ref. 3595] (ordine) ? [no stem of the type genus, not available, Article 11.7.1.1]

Caranxia Rafinesque 1815:84 [ref. 3584] (subfamily) *Caranx* [stem changed to Caranc- by Bonaparte 1831:158, 174 [ref. 4978]; stem corrected to Carang- by Bonaparte 1835:[19] [ref. 32242], confirmed by Bonaparte 1850b [ref. 32551], by Günther 1860:417 [ref. 1963] and by Gill 1872:8 [ref. 26254]]

? Monotia Rafinesque 1815:85 [ref. 3584] (subfamily) ? *Trachurus* [no stem of the type genus, not available, Article 11.7.1.1]

Vomerides Latreille 1825:133 [ref. 31889] (family) ? *Vomer* [stem Vomer- confirmed by Bonaparte 1831:158, 174 [ref. 4978] and by Gill 1873:787 [ref. 17631]; stem changed to Vomeri- by Gill 1863a:431, 436 [ref. 1669]]

Les Centronotides Risso 1827:110 [ref. 3757] (family) *Centronotus* Lacepède [published not in latinized form before 1900; not available, Article 11.7.2]

Centronotini Bonaparte 1831:158, 173 [ref. 4978] (subfamily) *Centronotus* Lacepède [invalid, Article 39]

Lichiidae Lowe 1852:248 [ref. 2835] (family) *Lichia*

Blepharidae Brevoort 1852:68, 76 [ref. 33079] (group) *Blepharis*

Naucrateoidei Bleeker 1859b:366 [ref. 16984] (family) *Naucrates* [also Bleeker 1859c:53 [ref. 373] and Bleeker 1859d:XXII [ref. 371]; stem changed to Naucrat- by Fitzinger 1873:33 [ref. 31883], confirmed by Nelson 2006:363 [ref. 32486] and by Sheiko 2013:87 [ref. 32944]]

Serioloidei Bleeker 1859c:53 [ref. 373] (family) *Seriola* [also Bleeker 1859d:XXIII [ref. 371]]

Trachynotinae Gill 1861a:37 [ref. 1766] (subfamily) *Trachinotus* [as *Trachynotus*, name must be corrected Article 32.5.3; corrected to Trachinotinae by Fowler 1936b:197 [ref. 32512], confirmed by Lindberg 1971:132 [ref. 27211] and by Springer & Smith-Vaniz 2008:11 [ref. 31826]]

Chloroscombrinae Gill 1863a:431 [ref. 1669] (subfamily) *Chloroscombrus*

Chorinemi Fitzinger 1873:33 [ref. 31883] (family) *Chorinemus* [stem Chorinem- confirmed by Weber & de Beaufort 1931:273 [ref. 16094], by Lindberg 1971:132 [ref. 27211] and by Smith-Vaniz & Staiger 1973:231 [ref. 7106]; senior objective synonym of Scombroidinae Jordan & Gilbert 1883]

Paropsinae Gill 1882:489 [ref. 31884] (subfamily) *Paropsis* [genus inferred from the stem, Article 11.7.1.1; preoccupied in beetles Coleoptera, invalid, Article 55.3]

Seleninae Gill 1882:492 [ref. 31884] (subfamily) *Selene*

Scombroidinae Jordan & Gilbert 1883:431 [ref. 2476] (subfamily) *Scomberoides* [as *Scombroides*, name must be corrected Article 32.5.3; corrected to Scomberoidinae by Gill 1890b:5404, 5405 [ref. 32975], confirmed by Fowler 1936b:196 [ref. 32512] and by Smith-Vaniz & Staiger 1973:231 [ref. 7106]; junior objective synonym of Chorinemi Fitzinger 1873, invalid, Article 61.3.2]

Apolectidae Jordan 1923a:184 [ref. 2421] (family) *Apolectus* Cuvier [invalid, Article 39]

Glaucidae Barnard 1927:553 [ref. 194] (family) *Glaucus*

Formiidae 'Whitley 1929 in' McCulloch 1929–30:193 [ref. 2948] (family) *Formio* [spelling changed to Formionidae by Berg 1940:134 [310, 474] [ref. 5049], confirmed by Lindberg 1971:138 [ref. 27211]; family name sometimes seen as Formiidae]

Parastromateinae Fowler 1935b:142 [ref. 13881] (subfamily) *Parastromateus*

Paroninae Fowler 1951a:300 [ref. 12694] (subfamily) *Parona*

Megalaspinae Suzuki 1962:226 [ref. 4301] (subfamily) *Megalaspis*

Family Nematistiidae Gill 1862

Nematistioidae Gill 1862m:258 [ref. 4909] (family) *Nematistius*

Family Coryphaenidae Rafinesque 1815

Lophionotes Duméril 1805:128 [ref. 1151] (family) ? *Coryphaena* [no stem of the type genus, not available, Article 11.7.1.1]

Corifenidi Rafinesque 1810b:29 [ref. 3595] (ordine) *Coryphaena* [as *Coryphena*; published not in latinized form before 1900; not available, Article 11.7.2]

Corifenidi Rafinesque 1814a:17 [ref. 3581] (family) *Coryphaena* [as *Coryphena*; published not in latinized form before 1900; not available, Article 11.7.2]

Coryphenia Rafinesque 1815:86 [ref. 3584] (subfamily) *Coryphaena* [as *Coryphena*, name must be corrected Article 32.5.3; stem corrected to Coryphaen- by Latreille 1825:131 [ref. 31889], confirmed by Bonaparte 1831:158, 174 [ref. 4978] and by Günther 1860:356 [ref. 1963]]

Family Menidae Fitzinger 1873

Meneae Fitzinger 1873:33 [ref. 31883] (family) *Mene* [corrected to Menidae by Gill 1885a:207 [ref. 1653], confirmed by Jordan 1923a:185 [ref. 2421]; not Menidae based on *Maena*]

Family Leiognathidae Gill 1893 Name in prevailing recent practice

? Osteostomia Rafinesque 1815:85 [ref. 3584] (subfamily) ? *Leiognathus* [no stem of the type genus, not available, Article 11.7.1.1]

Equuloidei Bleeker 1859a:353 [ref. 16983] (family) *Equula* [also Bleeker 1859d:XXIII [ref. 371]; senior objective synonym of Leiognathidae Gill 1893; Equulidae used after 1899, e.g. Evermann & Seale 1907:67 [ref. 1285]]

Liognathidae Gill 1893b:134 [ref. 26255] (family) *Leiognathus* [*Liognathus* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; corrected to Leiognathidae by Jordan 1923a:186 [ref. 2421], confirmed by Greenwood, Rosen, Weitzman & Myers 1966:400 [ref. 26856]; junior objective synonym of Equuloidei Bleeker 1859, but in prevailing recent practice; Leiognathidae also used as valid by: Whitley 1932a [ref. 4675], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Jones 1985 [ref. 21842], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Robins *et al.* 1991b [ref. 14238], Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Allen, Midgley & Allen 2002 [ref. 25930], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Chakrabarty & Sparks 2008 [ref. 29788], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Thacker 2009 [ref. 30058], Abraham, Joshi & Murty 2011 [ref. 31311] Allen & Erdmann 2012 [ref. 31980]]

Family Bramidae Bonaparte 1831

Chelodonidi Rafinesque 1810a:54 [ref. 3594] (ordine) *Lepodus* [no stem of the type genus, not available, Article 11.7.1.1]

Bramini Bonaparte 1831:157, 173 [ref. 4978] (subfamily) *Brama* Bloch & Schneider

Pteraclidae Swainson 1839:49 [ref. 4302] (family) *Pteracles* [on p. 178 and 257 as Pteraclinae; stem changed to Pteraclid- by Gill 1872:9 [ref. 26254]; original stem Pteracl- confirmed by Gill 1873:787 [ref. 17631], by Jordan & Evermann 1896a:955 [ref. 2443], by Jordan 1923a:182 [ref. 2421], by Nelson 1976:236 [ref. 32838] and by Nelson 2006:365 [ref. 32486]]

Lepodontiformes Bleeker 1876b:299 [ref. 448] (subfamily) *Lepodus* [stem changed to Lepod- by Fowler 1906b:121 [ref. 1372], confirmed by Myers & Storey 1956:19 [ref. 32831]]

Steinegeriidae Jordan & Evermann 1896a:960 [ref. 2443] (family) *Steinegeria*

Pterycombidae Shufeldt 1912:46 [ref. 31946] (family) *Pterycombus*

Lepidotidae de Buen 1926:90 [ref. 5054] (family) *Lepidotus*

Trachyberycidae Maul 1954:18 [ref. 32626] (family) *Trachyberyx*

Family Caristiidae Gill & Smith 1905

Caristiidae Gill & Smith 1905:249 [ref. 1748] (family) *Caristius*

Elephenoridae Jordan 1919:330, 331 [ref. 2411] (family) *Elephenor*

Platyberycidae Myers & Storey 1956:23 [ref. 32831] (family) *Platyberyx* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Paracarastiinae Kukuev, Parin & Trunov 2013:543 [ref. 32928] (subfamily) *Paracarastius*

Family Arripidae Gill 1893

Arripididae Gill 1893a:98 [ref. 1736] (family) *Arripis* [corrected to Arripidae by Jordan 1923a:195 [ref. 2421], confirmed by McCulloch 1929–30:200 [ref. 2948], by Nelson 1976:236 [ref. 32838] and by Nelson 2006:376 [ref. 32486]]

Family Emmelichthyidae Poey 1867

Emmelichthyni [Emmelichthyini] Poey 1867:206 [ref. 32247] (subfamily) *Emmelichthys* [stem Emmelichthy- confirmed by Jordan 1923a:200 [ref. 2421] and by Nelson 1976:236 [ref. 32838]]

Erythrichthyidae Jordan & Thompson 1912:597 [ref. 2541] (family) *Erythrichthys* Temminck & Schlegel [invalid, Article 39; also preoccupied by Erythricthini [Erythrichthyini] Bonaparte 1835 in fishes, Article 55.3]

Erythroclidae Schmidt 1931:111 [ref. 16331] (family) *Erythrocles* [name only, but used as valid by Myers 1941:205 [ref. 32845]]

Family Lutjanidae Gill 1861 Name in prevailing usage, Article 35.5

Acanthopomes Duméril 1805:152 [ref. 1151] (family) ? *Lutjanus* [latinized to Acanthopomi by Jarocki 1822:133, 214 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Mesopriontes Bleeker 1856b:40 [ref. 352] (family) *Mesoprion* [also as Mesopriontoidei Bleeker 1859c:52 [ref. 373] and Bleeker 1859d:19, 221 [ref. 371], and as subfamily Mesopriontiformes Bleeker 1859d:XIX [ref. 371]; senior objective synonym of Lutjaninae Gill 1861, but never used as valid after 1899]

Aphareoidei Bleeker 1857:52 [ref. 356] (subfamily) *Aphareus* [stem Aphare- confirmed by Klunzinger 1870:767 [ref. 2621], by Jordan & Thompson 1911:440 [ref. 2540] and by Lindberg 1971:140 [ref. 27211]]

Lutjaninae Gill 1861e:78 [ref. 1770] (subfamily) *Lutjanus* [also Gill 1862k:251 [ref. 1664]; stem sometimes seen as Lutian- or Luthian- based on *Lutianus* and *Luthianus* resp.; junior objective synonym of Mesopriontes Bleeker 1856, but that name was never used after 1899 Article 23.9.1.1, and Lutjanidae in prevailing usage, Article 23.9.1.2: Weber & de Beaufort 1936 [ref. 4606], Anderson, Jr. 1966 [ref. 7939], Kami 1973 [ref. 5616], Anderson, Jr., Kami & Johnson 1977 [ref. 115], Anderson, Jr., Talwar & Johnson 1977 [ref. 116], Randall & Guézé 1980 [ref. 8671], Bauchot, Desoutter & Allen 1981 [ref. 21549], Raj & Seeto 1983 [ref. 6817], Allen & Talbot 1985 [ref. 6491], Akazaki & Iwatsuki 1986 [ref. 6316], Allen 1986 [ref. 6208], Kishimoto, Amaoka, Kohno & Hamaguchi 1987 [ref. 6061], Potthoff, Kelley & Collins 1988 [ref. 11833], Lloris & Rucabado 1990 [ref. 15959], Anderson, Jr., Kailola & Collette 1992 [ref. 20198], Allen 1995 [ref. 21857], Brogan 1996 [ref. 22125], Lee & Cheng 1996 [ref. 22435], Iwatsuki, Yoshino & Shimada 1999 [ref. 23961], Kar & Chakraborty 2001 [ref. 25680], Liu 2007 [ref. 30077], de Moura & Lindeman 2007 [ref. 29018], Iwatsuki & Satapoomin 2009 [ref. 31128], Hay & Leis 2011 [ref. 31399], Gomes, Sampaio & Schneider 2012 [ref. 32654], White & Last 2012 [ref. 32118], Allen, White & Erdmann 2013 [ref. 32521], so the family-group name Lutjaninae Gill 1861 is valid according to Article 23.9.1]

Hoplopagrinae Gill 1861e:78 [ref. 1770] (subfamily) *Hoplopagrus* [also Gill 1862m:252 [ref. 4909]]

Platyiniini Poey 1867:205 [ref. 32247] (subfamily) *Platyinius*

Etelinae Gill 1893b:134 [ref. 26255] (subfamily) *Etelis*

Aprioninae Jordan & Thompson 1911:440 [ref. 2540] (subfamily) *Aprion* [correct stem is Apriont- Sheiko 2013:90 [ref. 32944]]

Paradicichthyinae Whitley 1930b:13 [ref. 4671] (subfamily) *Paradicichthys* [family name sometimes seen as Paradichthyidae]

Symphorinae Fowler 1933:64 [ref. 1414] (subfamily) *Symphorus*

Neomaenidae Myers & Storey 1956:21 [ref. 32831] (family) *Neomaenis* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Apsilinae Johnson 1980:9, 44 [ref. 13553] (subfamily) *Apsilus*

Family Caesionidae Bonaparte 1831

Caesionini Bonaparte 1831:157, 172 [ref. 4978] (subfamily) *Caesio* [family name sometimes seen as Caesiodidae]

Dipterygonotini Bleeker 1871–76:2 [ref. 4861] (phalanx ≈ tribe) *Dipterygonotus* [also Bleeker 1876a:274 [ref. 447] and Bleeker 1875–77:41 [ref. 4862]]

Gymnocaesioninae Johnson 1980:10, 45 [ref. 13553] (subfamily) *Gymnocaesio*

Family Lobotidae Gill 1861

Lobotinae Gill 1861a:32 [ref. 1766] (subfamily) *Lobotes*

Family Datnioididae Fowler 1931

Datnioidinae Fowler 1931a:323 [ref. 1407] (subfamily) *Datnioides* [family name not Coiidae, see Kottelat 2000a:92 [ref. 25865]]

Family Hapalogenyidae

Hapalogeninae Akazaki in Masuda *et al.* 1984:173 [ref. 6441] (subfamily) *Hapalogenys* [name only, published after 1960, not available, Article 13.1.1]

Hapalogenidae Springer & Raasch 1995:93, 104 [ref. 25656] (family) *Hapalogenys* [name only, published after 1960, not available, Article 13.1.1; stem changed to Hapalogeni- by Iwatsuki & Russell 2006:30 [ref. 28928] and by Nelson 2006:369 [ref. 32486]; correct stem is Hapalogeny-; family name sometimes seen as Haplogeniidae]

Family Gerreidae Bleeker 1859 [ICZN Opinion 962]

Gerreoidei Bleeker 1859a:353 [ref. 16983] (family) *Gerres* [also as subfamily Gerreiformes Bleeker 1859d:XX [ref. 371]; changed to Gerridae by Günther 1862a:252 [ref. 1969]; family name has been fixed as Gerreidae, ICZN Opinion 962]

Eucinostomidae Miranda Ribeiro 1913–15:275 [ref. 3711] (family) *Eucinostomus* [family name sometimes seen as Eucinostomatidae]

Xystaemidae Cockerell 1915a:42 [ref. 32627] (family) *Xystaema* [family name sometimes seen as Xystaematidae]

Pentaprioninae Fowler 1933:226 [ref. 1414] (subfamily) *Pentaprion*

Family Haemulidae Gill 1885

Subfamily Haemulinae Gill 1885 Name in prevailing recent practice, Article 35.5

Odobranchia Rafinesque 1815:83 [ref. 3584] (subfamily) ? *Pomadasys* [no stem of the type genus, not available, Article 11.7.1.1]

Pristipomides Latreille 1825:135 [ref. 31889] (tribe) ? *Pristipomus* [stem changed to Pristipomat- by Günther 1859:272 [ref. 1961] based on *Pristipoma*, confirmed by Poey 1867:206 [ref. 32247], by Gill 1873:788 [ref. 17631], by Bleeker 1871–76:2 [ref. 4861] and Bleeker 1875–77:1 [ref. 4862], by Carus 1893:616 [ref. 17975] and by Boulenger 1904a:180 [ref. 15112]]

Haemulona Richardson 1836:73 [ref. 3731] (no family-group name)

Xenichthyinae Gill 1863c:82 [ref. 1679] (subfamily) *Xenichthys*

Boridianini Bleeker 1876a:280 [ref. 447] (phalanx ≈ tribe) *Boridia* [stem changed to Boridi- by Jordan & Fesler 1893:423 [ref. 2455]]

Haemulonidae Gill 1885a:218 [ref. 1653] (family) *Haemulon* [stem corrected to Haemul- by Jordan & Evermann 1896b:384 [ref. 2442], confirmed by Evermann & Seale 1907:83 [ref. 1285], by Jordan 1923a:196 [ref. 2421] and by Nelson 2006:368 [ref. 32486]; Haemulidae used as valid by: Kamohara 1967, McAllister 1968 [ref. 26854], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Paugy, Lévêque & Teugels 2003b [ref. 29208], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007b [ref. 30010], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980]]

Pomadasidae Regan 1913c:122 [ref. 3654] (family) *Pomadasys* [as *Pomadasis*, name must be corrected Article 32.5.3; stem corrected to Pomadasy- by Fowler 1931a:200 [ref. 1407], confirmed by Myers & Storey 1956:23 [ref. 32831], by Greenwood, Rosen, Weitzman & Myers 1966:400 [ref. 26856], by Lindberg 1971:148 [ref. 27211] and by Nelson 1976:238 [ref. 32838]]

Orthopristinae Cockerell 1913a:160 [ref. 870] (subfamily) *Orthopristis*

Inermiidae Jordan 1923a:199 [ref. 2421] (family) *Inermia*

Subfamily Plectorhinchinae Jordan & Thompson 1912 Name in prevailing recent practice

Diagrammatoidei Bleeker 1856b:46 [ref. 352] (family) *Diagramma* [family-group name not used as valid after 1899]

Plectorhynchinae Jordan & Thompson 1912:543 [ref. 2541] (subfamily) *Plectorhinchus* [as *Plectorhynchus*, name must be corrected Article 32.5.3; stem corrected to Plectorhinch- by Whitley 1930a:118 [ref. 4669], confirmed by Fowler 1931a:200 [ref. 1407]; Nelson 2006:369 [ref. 32486] used Plectorhynchinae; family-group name also used as valid by: Smith & Heemstra 1986 [ref. 5715], Kuiter 1997 [ref. 25488], Satapoomin & Randall 2000 [ref. 25341]]

Gaterinidae Smith 1962:469 [ref. 6442] (family) *Gaterin*

Family Sparidae Rafinesque 1818

Sparidi Rafinesque 1810b:20 [ref. 3595] (ordine) *Sparus* [published not in latinized form before 1900; not available, Article 11.7.2]

Sparides Rafinesque 1818:417 [ref. 3588] (family) *Sparus*

Chrysolepides Latreille 1825:136 [ref. 31889] (tribe) *Sparus* [no stem of the type genus, not available, Article 11.7.1.1]

Denticini Bonaparte 1831:157, 171 [ref. 4978] (subfamily) *Dentex*

Cantharini Bonaparte 1831:157, 171 [ref. 4978] (subfamily) *Cantharus* Cuvier [invalid, Article 39]

Obladini Bonaparte 1831:157, 171 [ref. 4978] (subfamily) *Oblada* [sometimes seen as Oblatina based on *Oblata*]

Chrysophryoidei Bleeker 1858c:154 [ref. 16982] (family) *Chrysophrys* [genus inferred from the stem, Article 11.7.1.1]

Sargina Günther 1859:436 [ref. 1961] (group) *Sargus*

Pagrina Günther 1859:453 [ref. 1961] (group) *Pagrus*

Crenidentiformes Bleeker 1859d:XX [ref. 371] (subfamily) *Crenidens* [stem changed to Creniden- by Fowler 1933:186 [ref. 1414]]

Bogini Smitt 1892–95:53 [ref. 4146] (subfamily) *Box* [senior objective synonym of Boopsinae Fowler 1936]

Scatharinae Jordan & Fesler 1893:423, 529 [ref. 2455] (subfamily) *Scatharus*

Boopsinae Fowler 1936c:812 [ref. 6546] (subfamily) *Boops* [junior objective synonym of Bogini Smitt 1892, invalid, Article 61.3.2]

Pagellinae Smith 1938:232, 233, 272 [ref. 4067] (subfamily) *Pagellus*

Spondylosominae Fowler 1958b:16 [ref. 1470] (subfamily) *Spondyliosoma* [as *Spondylosoma*, name must be corrected Article 32.5.3; ever corrected?; correct stem is Spondyliosomat-]

Diplodinae Akazaki 1962:8 [ref. 5771] (subfamily) *Diplodus*

Family Centracanthidae Gill 1893 Name in prevailing recent practice

Des Menides Cuvier 1829:186 [ref. 995] (family) *Maena* [latinized to Maenidae by Bonaparte 1831:157, 172 [ref. 4978]; latinized to Maenides by van der Hoeven 1832:242 [ref. 5061]; considered valid with this authorship by Richardson 1842:106 [ref. 13097], by Bleeker 1859d:XX [ref. 371], by Gill 1861a:31 [ref. 1766] and by Gill 1893b:134 [ref. 26255] Article 11.7.2; Maenidae used as valid after 1899, e.g. Evermann & Seale 1907:71 [ref. 1285] and Jordan 1923a:200 [ref. 2421]; sometimes seen as Maenididae or Menidae, not based on *Mene*]

Centracanthinae Gill 1893b:134 [ref. 26255] (subfamily) *Centracanthus* [genus inferred from the stem, Article 11.7.1.1; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Tortonese, Sertorio & Bauchot 1973 [ref. 7202], Bauchot 1974 [ref. 21548], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], Heemstra 1990a [ref. 18769], Nelson 1994 [ref. 26204], Springer & Raasch 1995:102 [ref. 25656], Eschmeyer 1998 [ref. 23416], Springer & Johnson 2004 [ref. 33199], Nelson 2006 [ref. 32486]; family name sometimes seen as Centracantidae]

Merolepidae Jordan 1923a:200 [ref. 2421] (family) *Merolepis* [name in synonymy, treated as available before 1961?; not available, Article 11.6.1]

Spicaridae Fowler 1930b:646 [ref. 1405] (family) *Spicara*

Merolepidae Greenwood, Rosen, Weitzman & Myers 1966:400 [ref. 26856] (family) *Merolepis* [published after 1960 as a junior synonym; not available, Article 11.6.3]

Family Lethrinidae Bonaparte 1831

Lethrinini Bonaparte 1831:157, 171 [ref. 4978] (subfamily) *Lethrinus*

Neolethrinidae Jordan 1923a:197 [ref. 2421] (family) *Neolethrinus*

Monotaxinae Akazaki 1961:437 [ref. 6600] (subfamily) *Monotaxis* [also Akazaki 1962:8 [ref. 5771]]

Family Nemipteridae Regan 1913 Name in prevailing recent practice, Article 35.5

Scolopsidini Bleeker 1871–76:2 [ref. 4861] (phalanx ≈ tribe) *Scolopsis* [stem changed to Scolops- by Jordan & Thompson 1912:543 [ref. 2541], confirmed by Fowler 1931a:200 [ref. 1407], by Smith 1949:260 [ref. 5846] and by Lindberg 1971:150 [ref. 27211]]

Nemipteridae Regan 1913c:121 [ref. 3654] (family) *Nemipterus* [Nemipteridae used as valid by: Schultz with Stern 1948 [ref. 31938], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Russell 1990 [ref. 19228], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Russell 2001 [ref. 26651], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980], Mishra, Biswas, Russell, Satpathy & Selvanayagam 2013 [ref. 32430], Russell & Tweddle 2013 [ref. 32547]]

Pentapodinae Fowler 1933:64 [ref. 1414] (subfamily) *Pentapodus*

Family Sciaenidae Cuvier 1829

Equedini Rafinesque 1810b:16 [ref. 3595] (ordine) ? *Eques* Bloch [published not in latinized form before 1900; not available, Article 11.7.2]

Sciénoïdes Cuvier in Cuvier & Valenciennes 1828:572 [ref. 4880] (family) *Sciaena* [published not in latinized form before 1900; not available, Article 11.7.2]

Sciénoides Cuvier 1829:171 [ref. 995] (family) *Sciaena* [latinized to Sciaenidae by Bonaparte 1831:156, 170 [ref. 4978]; latinized to Sciaenoidei by Eichwald 1831:80 [ref. 5562]; latinized to Sciaenoïdei by van der Hoeven 1832:244 [ref. 5061]; considered valid with this authorship by Müller 1845:130 [ref. 32591], by Gill 1861a:32 [ref. 1766], by Gill 1893b:134 [ref. 26255], by Patterson 1993:645 [ref. 32940], by Fierstine, Huddleston & Takeuchi 2012:124 and by Sheiko 2013:93 [ref. 32944] Article 11.7.2]

Lariminae Gill 1861a:33 [ref. 1766] (subfamily) *Larimus*

Otolithinae Gill 1861f:80 [ref. 1771] (subfamily) *Otolithes*

Corvininae Gill 1861f:80 [ref. 1771] (subfamily) *Corvina* Cuvier [invalid, Article 39]

Umbrinae Gill 1861f:80 [ref. 1771] (no family-group name)

Liostominae Gill 1861f:80 [ref. 1771] (subfamily) *Leiostomus* [as *Liostomus*, name must be corrected Article 32.5.3; also Gill 1861g:93 [ref. 31935]; ever corrected?; correct stem is Leiostom-]

Haploidinotinae [Haploidonotinae] Gill 1861f:80 [ref. 1771] (subfamily) *Aplodinotus* [as *Haploidonotus*, name must be corrected Article 32.5.3; also Gill 1861h:100 [ref. 1773]; corrected to Haploidonotinae by Gill 1873:787 [ref. 17631] based on *Haploidonotus*, confirmed by Meek 1904:202 [ref. 2958]; stem corrected to Aplodinot- by Bleeker 1876b:324 [ref. 448]; stem changed to Haplodinot- by Gill 1893b:134 [ref. 26255]]

Isopisthinae Gill 1862d:18 [ref. 1657] (subfamily) *Isopisthus*

Hemisciaenini Bleeker 1876b:327 [ref. 448] (phalanx ≈ tribe) *Hemisciaena* [senior objective synonym of Collichthyinae Fowler 1933]

Equiti Bleeker 1876b:324 [ref. 448] (subphalanx ≈ subtribe) *Eques* Bloch [invalid, Article 39; Equitinae Gill 1893b:134 [ref. 26255] probably also based on *Eques* Bloch]

Johnii Bleeker 1876b:325 [ref. 448] (subphalanx ≈ subtribe) *Johnius* [stem Johni- confirmed by Fowler 1933:353 [ref. 1414] and by Sasaki 1989:127 [ref. 19782]]

Pseudosciaeni Bleeker 1876b:327 [ref. 448] (subphalanx ≈ subtribe) *Pseudosciaena*

Collichthyinae Fowler 1933:353 [ref. 1414] (subfamily) *Collichthys* [junior objective synonym of Hemisciaenini Bleeker 1876, invalid, Article 61.3.2]

Pseudotolithini Trewavas 1962:167 [ref. 4455] (tribe) *Pseudotolithus*

Cynoscionini Trewavas 1962:176 [ref. 4455] (tribe) *Cynoscion*

Umbrinini Trewavas 1962:176 [ref. 4455] (tribe) *Umbrina*

Megalonibinae [Megalonibeinae] Chu, Lo & Wu 1963:34 [ref. 833] (subfamily) *Megalonibea* [stem corrected to Megalonibe- by Trewavas 1977:359 [ref. 4459], confirmed by Sheiko 2013:94 [ref. 32944]]

Bahabinae Chu, Lo & Wu 1963:36 [ref. 833] (subfamily) *Bahaba*

Argyrosominae Chu, Lo & Wu 1963:47 [ref. 833] (subfamily) *Argyrosomus*

Kathalinae Lal Mohan 1972:83 [ref. 5743] (subfamily) *Kathala*

Otolithoidinae Lal Mohan 1972:83 [ref. 5743] (subfamily) *Otolithoides*

Macrospinosini Lal Mohan 1972:83 [ref. 5743] (tribe) *Macrospinosa* [name only, published after 1960, not available, Article 13.1.1]

Nibeini Trewavas 1977:360 [ref. 4459] (tribe) *Nibea*

Stelliferini Darovec 1983:47 [ref. 32508] (tribe) *Stellifer*

Protosciaeninae Sasaki 1989:127 [ref. 19782] (subfamily) *Protosciaena* [also as tribe Protosciaenini]

Micropogoniinae Sasaki 1989:129 [ref. 19782] (subfamily) *Micropogonias* [also as tribe Micropogoniini]

Pachyurinae Sasaki 1989:129 [ref. 19782] (subfamily) *Pachyurus* [also as tribe Pachyurini]

Odontoscionini Sasaki 1989:128 [ref. 19782] (tribe) *Odontoscion*

Ctenosciaenini Sasaki 1989:129 [ref. 19782] (tribe) *Ctenosciaena*

Equetini Sasaki 1989:129 [ref. 19782] (tribe) *Equetus*

Lonchurini Sasaki 1989:129 [ref. 19782] (tribe) *Lonchurus*

Atractoscionini Sasaki 1989:130 [ref. 19782] (tribe) *Atractoscion*

Miracorviini [Miracorvinini?] Sasaki 1989:131 [ref. 19782] (tribe) *Miracorvina*

Miichthyini Sasaki 1989:131 [ref. 19782] (tribe) *Miichthys*

Pennahiini Sasaki 1989:131 [ref. 19782] (tribe) *Pennahia*

Atrobuccini Sasaki 1989:131 [ref. 19782] (tribe) *Atrobucca*

Family Polynemidae Rafinesque 1815

Pollinemidi Rafinesque 1810b:32 [ref. 3595] (ordine) ? *Polynemus* [published not in latinized form before 1900; not available, Article 11.7.2]

Polinemia [Polynemia] Rafinesque 1815:87 [ref. 3584] (subfamily) *Polynemus* [corrected to Polynemini by Bonaparte 1835:[12] [ref. 32242]; family name sometimes seen as Polinemidae or Polymenidae]

Trichidiontes Gill 1861k:272, 273 [ref. 1779] (group) *Trichidion* Gill [stem Trichidiont- confirmed by Fowler 1905b:501 [ref. 1370]]

Family Mullidae Rafinesque 1815

Mullidia Rafinesque 1815:86 [ref. 3584] (subfamily) *Mullus* [stem corrected to Mull- by Bonaparte 1831:157 [ref. 4978], confirmed by Bleeker 1859d:XXI [ref. 371] and by Gill 1872:10 [ref. 26254]]

Family Pempheridae Spelling in prevailing recent practice

Pempheridoidei Bleeker 1859d:56 [ref. 371] (family) *Pempheris* [stem changed to Pempher- by Gill 1862k:238 [ref. 1664], confirmed by Klunzinger 1871:469 [ref. 2622], by Jordan & Evermann 1896a:977 [ref. 2443], by Ogilby 1913:62 [ref. 3291], by Regan 1913c:112, 125 [ref. 3654], by Lindberg 1971:138 [ref. 27211] and by Nelson 1976:241 [ref. 32838]; original stem Pempherid- confirmed by Steyskal 1980:170 [ref. 14191]; Eschmeyer 1998:2481 [ref. 23416] and Nelson 2006:374 [ref. 32486] used Pempheridae]

Family Glaucosomatidae Jordan & Thompson 1911

Glaucosomatinae Jordan & Thompson 1911:439 [ref. 2540] (family) *Glaucosoma* [stem changed to Glaucosom- by Jordan 1923a:195 [ref. 2421]; original stem Glaucosomat- confirmed by Fowler 1931a:82 [ref. 1407], by Masuda, Araga & Yoshino 1975:222 [ref. 2902], by Steyskal 1980:173 [ref. 14191], by Tominaga 1986:595 [ref. 6315] and by Nelson 2006:374 [ref. 32486]]

Family Leptobramidae Ogilby 1913 Name in prevailing recent practice, Article 35.5

Neopempherinae Cockerell 1913b:55 [ref. 33080] (subfamily) *Neopempheris*

Leptobraminae Ogilby 1913:62 [ref. 3291] (subfamily) *Leptobrama* [Leptobramidae used as valid by: McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Mooi 2001 [ref. 26112], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Thacker 2009 [ref. 30058]]

Family Bathyclupeidae Gill 1896

Bathyclupeidae Gill in Goode & Bean 1896:190 [ref. 1848] (family) *Bathyclupea*

Family Toxotidae Bleeker 1859

Toxoteoidei Bleeker 1859b:364 [ref. 16984] (family) *Toxotes* [also Bleeker 1859d:XXI [ref. 371]; stem corrected to Toxot- by Günther 1860:2, 66 [ref. 1963], confirmed by Jordan 1923a:206 [ref. 2421], by Nelson 1976:242 [ref. 32838] and by Nelson 2006:375 [ref. 32486]]

Family Dichistiidae Smith 1935

Dipterodontinae Kaup 1860:140 [ref. 2583] (subfamily) *Dipterodon* Cuvier [invalid, Article 39]

Coracininae Fowler 1933:203 [ref. 1414] (subfamily) *Coracinus* Gronow [no available type genus, not available, Article 11.7.1.1]

Dichistiidae Smith 1935:265 [ref. 13662] (family) *Dichistius*

Family Kyphosidae Jordan 1887 Name in prevailing recent practice, Article 35.5

Subfamily Girellinae Gill 1862

Girellinae Gill 1862l:244 [ref. 1665] (subfamily) *Girella*

Melanichthidae Castelnau 1873:42 [ref. 758] (family) *Melanychthys* [as *Melanichthys*, name must be corrected Article 32.5.3; ever corrected?; correct stem is *Melanychthy*-]

Pinguilabrinae McCully 1961 (subfamily) *Pinguilabrum* [in unpublished Ph. D. dissertation, not available]

Subfamily Kyphosinae Jordan 1887 Name in prevailing usage

Gasterogonia Rafinesque 1815:88 [ref. 3584] (subfamily) ? *Xysterus* [no stem of the type genus, not available, Article 11.7.1.1]

Pimelepterini Bonaparte 1831:157, 172 [ref. 4978] (subfamily) *Pimelepterus* [family-group name not used as valid after 1899 Article 23.9.1.1]

Kyphosidae Jordan 1887:585 [ref. 2388] (family) *Kyphosus* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Cyphosidae or Kyphocidae; Kyphosidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Bauchot 1963 [ref. 20718], Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Desoutter 1973 [ref. 7203], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1986a) [ref. 13676], Brooks 1987 [ref. 23113], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Robins *et al.* 1991b [ref. 14238], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Franke & Acero P. 1996 [ref. 22923], Clements 1997 [ref. 23459], Eschmeyer 1998 [ref. 23416], Merella, Massutí & Deudero 1998 [ref. 25007], Sakai 2001 [ref. 26121], Carpenter 2003 [ref. 27092], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Sakai & Nakabo 2004 [ref. 27596], Markevich 2005 [ref. 28210], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980], Knudsen & Clements 2013a [ref. 32384], Knudsen & Clements 2013b [ref. 33031], so Kyphosidae in prevailing usage Article 23.9.1]

Subfamily Scorpidinae Günther 1860

Scorpidina Günther 1860:63 [ref. 1963] (group) *Scorpis* [stem changed to Scorp- by McCulloch 1929–30:236 [ref. 2948]; original stem Scorpid- confirmed by Steyskal 1980:170 [ref. 14191], by Hayashi in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:181 [ref. 6441] and by Nelson 2006:377 [ref. 32486]]

Labracoglossidae Regan 1913c:117 [ref. 3654] (family) *Labracoglossa*

Juvenellidae Whitley 1948a:90 [ref. 4710] (family) *Juvenella*

Bathystethidae Myers & Storey 1956:11 [ref. 32831] (family) *Bathystethus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Plathystethidae Myers & Storey 1956:23 [ref. 32831] (family) *Plathystethus* Günther [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Subfamily Microcanthinae Bleeker 1876

Microcanthini Bleeker 1876b:298 [ref. 448] (phalanx ≈ tribe) *Microcanthus*

Family Parascorpididae Smith 1949

Parascorpididae Smith 1949:185 [ref. 5846] (family) *Parascorpis*

Family Drepaneidae Gill 1872 [ICZN Opinion 1046]

Drepaninae Kaup 1860:140 [ref. 2583] (subfamily) *Drepane* [stem corrected to Drepane- by Gill 1872:8 [ref. 26254]; on ICZN Official List Opinion 1046 as Drepaneidae Gill 1872; senior objective synonym of Drepanichthyidae 'Whitley 1929 in' McCulloch 1929–30]

Drepanichthyidae 'Whitley 1929 in' McCulloch 1929–30:243 [ref. 2948] (family) *Drepanichthys* [junior objective synonym of Drepaninae Kaup 1860, invalid, Article 61.3.2]

Family Monodactylidae Jordan & Evermann 1898

Psettoidei Bleeker 1859a:353 [ref. 16983] (family) *Psettus* [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1859d:XXI [ref. 371]; preoccupied by Psettini Bonaparte 1846 in fishes, invalid, Article 55.3]

Monodactylinae Jordan & Evermann 1898a:1667 [ref. 2444] (subfamily) *Monodactylus* [genus inferred from the stem, Article 11.7.1.1]

Family Chaetodontidae Rafinesque 1815

Leptosomes Duméril 1805:154 [ref. 1151] (family) ? *Chaetodon* [as *Chetodon*; latinized to Leptosomi by Jarocki 1822:133, 248 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Chetodonidi Rafinesque 1810b:16 [ref. 3595] (ordine) *Chaetodon* [*Chetodon* inferred from the stem, published not in latinized form before 1900; not available, Article 11.7.2]

Chetodonia Rafinesque 1815:83 [ref. 3584] family) *Chaetodon* [as *Chetodon*, name must be corrected Article 32.5.3; stem corrected to Chaetodont- by Latreille 1825:129 [ref. 31886], confirmed by Minding 1832:VIII, 112 [ref. 3022], by Bonaparte 1835:[9] [ref. 32242], by Bonaparte 1850b [ref. 32551] and by Günther 1860:2 [ref. 1963]]

? Leiobranchia Rafinesque 1815:83 [ref. 3584] (subfamily) ? *Chaetodon* [as *Chetodon*; no stem of the type genus, not available, Article 11.7.1.1]

Squammipennes Cuvier 1816:332 [ref. 993] (family) *Chaetodon* [latinized to Squamipennes by Schinz 1822:531 [ref. 3926]; sometimes seen as Squamipinnes; no stem of the type genus, not available, Article 11.7.1.1;]

Henjochinae Kaup 1860:140 [ref. 2583] (subfamily) *Heniochus* [as *Henjochus*, name must be corrected Article 32.5.3; stem corrected to Henioch- by Fowler 1953:16, 48 [ref. 31903]]

Taurichthyiformes Bleeker 1876b:302 [ref. 448] (subfamily) *Taurichthys* [also as phalanx Taurichthyini p. 303; also Bleeker 1876–78:10, 22 [ref. 6835]]

Chelmonini Bleeker 1876b:303 [ref. 448] (phalanx ≈ tribe) *Chelmon* [also Bleeker 1876–78:22 [ref. 6835]]

Parachaetodontini Nalbant 1986:170 [ref. 6135] (tribe) *Parachaetodon*

Prognathodini Nalbant 1986:170 [ref. 6135] (tribe) *Prognathodes*

Hemitaurichthyni [Hemitaurichthyini] Nalbant 1986:171 [ref. 6135] (tribe) *Hemitaurichthys*

Family Pomacanthidae Jordan & Evermann 1898 Name in prevailing recent practice, Article 35.5

Holacanthiformes Bleeker 1859d:XXI [ref. 371] (subfamily) *Holacanthus* [Holacanthidae used as valid after 1899]

Pomacanthinae Jordan & Evermann 1898a:1670 [ref. 2444] (subfamily) *Pomacanthus* [family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Robins *et al.* 1991b [ref. 14238], Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980]]

Paradiretmidae Whitley 1951a:62 [ref. 4711] (family) *Paradiretmus*

Family Enoplosidae Gill 1893

Enoplosinae Gill 1893b:134 [ref. 26255] (subfamily) *Enoplosus* [genus inferred from the stem, Article 11.7.1.1]

Family Pentacerotidae Bleeker 1859

Subfamily Histiopterinae Bleeker 1876

Histiopteriformes Bleeker 1876a:269 [ref. 447] (subfamily) *Histiopterus*

Paristiopterinae Hardy 1983:188 [ref. 5385] (subfamily) *Paristiopterus*

Subfamily Pentacerotinae Bleeker 1859

Pentacerotoidae Bleeker 1859c:52 [ref. 373] (family) *Pentaceros* [stem changed to Pentacerat- by Günther 1859:212 [ref. 1961]; original stem Pentacerot- confirmed by Gill 1893b:134 [ref. 26255] and by Nelson 1976:246 [ref. 32838]; not preoccupied by Pentacerotidae Gray 1841 in Echinodermata, based on the unavailable genus name *Pentaceros* = *Oreaster*]

Quinquariinae Jordan 1907:236 [ref. 2401] (subfamily) *Quinquarius*

Family Polycentridae Gill 1858

Polycentrinae Gill 1858:11 [ref. 1750] (subfamily) *Polycentrus*

Family Nandidae Bleeker 1852

Nandoïdei Bleeker 1852:90 [ref. 16831] (family) *Nandus*

Family Badidae Barlow, Liem & Wickler 1968

Badidae Myers & Storey 1956:11 [ref. 32831] (family) *Badis* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Badidae Barlow, Liem & Wickler 1968:444 [ref. 32228] (family) *Badis*

Family Pristolepididae Regan 1913

Pristolepidae Regan 1913c:129 [ref. 3654] (family) *Pristolepis* [stem corrected to Pristolepid- by Weber & de Beaufort 1936:478 [ref. 4606], confirmed by Lindberg 1971:140 [ref. 27211], by Steyskal 1980:170 [ref. 14191], by Nelson 2006:382 [ref. 32486] and by Kottelat 2013b:366 [ref. 32989]]

Catopridae Myers & Storey 1956:12 [ref. 32831] (family) *Catopra* [genus inferred from the stem, Article 11.7.1.1; unavailable publication; Catopridae used in Insecta Coleoptera]

Family Oplegnathidae Bleeker 1853 Name in prevailing recent practice, Article 35.5

Scarodontini Bonaparte 1850b [ref. 32551] (subfamily) *Scaradon* [*Scarodon* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3]

Hoplegnathoïdei Bleeker 1853:6 [ref. 16922] (family) *Oplegnathus* [as *Hoplegnathus*, name must be corrected Article 32.5.3; also Bleeker 1859d:XXII [ref. 371]; changed to Hoplognathidae by Günther 1869:146 [ref. 32629] based on *Hoplognathus* [as already in the index of Günther 1861c:xxii [ref. 1964]]; corrected to Oplegnathidae by Jordan & Fowler 1902:75 [ref. 32378], confirmed by Snodgrass & Heller 1905:397 [ref. 12322] and by Jordan 1923a:200 [ref. 2421]; Oplegnathidae also used as valid by: Schultz with Stern 1948 [ref. 31938], Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Randall 2007 [ref. 30952]]

Family Cirrhitidae Macleay 1841

Dimérédes Duméril 1805:142 [ref. 1151] (family) ? *Cirrhitus* [latinized to Dimerides by Jarocki 1822:27, 129 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Cirrhitidae Macleay 1841:265, 267 [ref. 32498] (group) *Cirrhitus* [also Macleay 1842:201 [ref. 32499]; stem changed to Cirrhite- by Bleeker 1859d:XX [ref. 371]; original stem Cirrhit- confirmed by Gill 1862e:102 [ref. 1658], by Jordan 1923a:203 [ref. 2421], by Nelson 1976:253 [ref. 32838] and by Nelson 2006:385 [ref. 32486]]

Oxycirrhitei Bleeker 1876b:314 [ref. 448] (subphalanx ≈ subtribe) *Oxycirrhites* [also Bleeker 1877:148 [ref 4862]]

Cirrhitichthyidi Fowler 1956a:317 [ref. 1469] (tribe) *Cirrhitichthys*

Family Chironemidae Gill 1862

Chironematinae Gill 1862e:104 [ref. 1658] (subfamily) *Chironemus* [on p. 112 as Chironenematinae; stem changed to Chironem- by Regan 1911c:260 [ref. 32649], confirmed by Jordan 1923a:204 [ref. 2421], by Myers & Storey 1956:13 [ref. 32831], by Nelson 1976:253 [ref. 32838] and by Nelson 2006:385 [ref. 32486]]

Family Aplodactylidae Günther 1859

Haplodactylina Günther 1859:412, 434 [ref. 1961] (group) *Aplodactylus* [as *Haplodactylus*, name must be corrected Article 32.5.3; stem corrected to Aplodactyl- by Bleeker 1859d:XX [ref. 371], confirmed by Bleeker 1876b:316 [ref. 448], by Jordan 1923a:204 [ref. 2421], by Nelson 1976:253 [ref. 32838] and by Nelson 2006:386 [ref. 32486]]

Family Cheilodactylidae Bonaparte 1850

Chelodactylini [Cheilodactylini] Bonaparte 1850b [ref. 32551] (subfamily) *Cheilodactylus* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Cheilodactyl- by Jordan & Starks 1907:503 [ref. 15147], confirmed by Jordan 1923a:204 [ref. 2421], by Myers & Storey 1956:13 [ref. 32831] and by Lindberg 1971:160 [ref. 27211]; family name sometimes seen as Chilodactidae]

Nematodactyli Gill 1862e:104 [ref. 1658] (group) *Nemadactylus* [as *Nematodactylus*, name must be corrected Article 32.5.3; ever corrected?]

Gregoryinidae Fowler & Ball 1924:269 [ref. 1471] (family) *Gregoryina*

Family Latridae Gill 1862 Spelling in prevailing recent practice

Latridinae Gill 1862e:114 [ref. 1658] (subfamily) *Latris* [stem changed to Latr- by Jordan 1923a:204 [ref. 2421], confirmed by McCulloch 1929–30:260 [ref. 2948] and by Nelson 1976:254 [ref. 32838]; original stem Latrid- confirmed by Steyskal 1980:170 [ref. 14191]; Eschmeyer 1998:2482 [ref. 23416] and Nelson 2006:386 [ref. 32486] used Latridae]

Family Cepolidae Rafinesque 1815

Cepolidi Rafinesque 1810b:31 [ref. 3595] (ordine) *Cepola* [published not in latinized form before 1900; not available, Article 11.7.2]

Cepolidia Rafinesque 1815:84 [ref. 3584] (subfamily) *Cepola*

Taenioïdes [des poissons en ruban] Cuvier 1816:242 [ref. 993] (family) *Cepola* [also as Riband-fish; latinized to Taenioidae by Fleming 1822:390 [ref. 5063] and by Lowe 1838:197 [ref. 2831]; latinized to Taenioides by Jarocki 1822:133, 178 [ref. 4984] and by Schinz 1822:399 [ref. 3926]; latinized to Taenioidei by Eichwald 1831:72 [ref. 5562]; no stem of the type genus, not available, Article 11.7.1.1; maybe based on *Taenia* Artedi? then invalid, Article 39]

Owstoniidae Jordan, Tanaka & Snyder 1913:188 [ref. 6448] (family) *Owstonia*

Suborder Mugiloidei

Family Mugilidae Jarocki 1822

Lépidopomes Duméril 1805:142 [ref. 1151] (family) ? *Mugil* [no stem of the type genus, not available, Article 11.7.1.1]

Cyrtocephala Goldfuss 1820:VI, 32 [ref. 1829] (family) ? *Mugil* [no stem of the type genus, not available, Article 11.7.1.1]

Mugiloides Jarocki 1822:27, 124 [ref. 4984] (family) *Mugil* [stem Mugil- confirmed by Bonaparte 1831:158, 176 [ref. 4978] and by Eichwald 1831:71 [ref. 5562]]

Agonostominae Jordan & Evermann 1896a:809 [ref. 2443] (subfamily) *Agonostomus* [family name sometimes seen as Agonostomatidae]

Mugiloididae Jordan 1923a:229 [ref. 2421] (family) *Mugiloides* [genus unidentifiable]

Cestraeinae Popov 1931:124 [ref. 33081] (subfamily) *Cestraeus*

Myxinae Whitley 1951a:63 [ref. 4711] (subfamily) *Myxus*

Suborder Labroidei

Family Cichlidae Bonaparte 1835

Subfamily Etroplinae Kullander 1998

Etroplinae Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 4 [ref. 19665] (subfamily) *Etroplus* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]

Etroplinae Kullander 1998:494 [ref. 23855] (subfamily) *Etroplus*

Subfamily Ptychochrominae Sparks 2004

Ptychochrominae Sparks 2002:547 [ref. 26376] (subfamily) *Ptychochromis* [not published according to the rules, not available]

Ptychochrominae Sparks 2004:600, 607 [ref. 32235] (subfamily) *Ptychochromis*

Subfamily Pseudocrenilabrinae Fowler 1934

Chromidae Müller 1846:169, 173 [ref. 13283] (family) *Chromis* Müller [invalid, Article 39; also preoccupied by Chromidini Bonaparte 1831 in fishes, Article 55.3; stem changed to Chromid- by

Günther 1862a:264 [ref. 1969]]
Pseudocrenilabrinae Fowler 1934d:462 [ref. 1419] (subfamily) *Pseudocrenilabrus*
Tilapiinae Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 8 [ref. 19665] (subfamily) *Tilapia* [also Tilapiini Hoedeman 1947:X.60.76, p. 13]
Haplochrominae Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 11 [ref. 19665] (subfamily) *Haplochromis* [also Haplochromini Hoedeman 1947:X.60.76, p. 13]
Pseudotropheini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Pseudotropheus* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Neochromini Hoedeman1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Neochromis* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Ctenochromini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Ctenochromis* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Hemichromini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Hemichromis* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Limnotilapiini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Limnotilapia* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Tylochromini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Tylochromis* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]
Eretmodini Staeck 1977:218 [ref. 32236] (tribe) *Eretmodus*
Tylochromini Poll 1986:44 [ref. 6136] (tribe) *Tylochromis*
Lamprologini Poll 1986:46 [ref. 6136] (tribe) *Lamprologus*
Tropheini Poll 1986:74 [ref. 6136] (tribe) *Tropheus*
Ectodini Poll 1986:92 [ref. 6136] (tribe) *Ectodus*
Trematocarini Poll 1986:119 [ref. 6136] (tribe) *Trematocara*
Bathybatini Poll 1986:125 [ref. 6136] (tribe) *Bathybates*
Limnochromini Poll 1986:130 [ref. 6136] (tribe) *Limnochromis*
Cyprichromini Poll 1986:144 [ref. 6136] (tribe) *Cyprichromis*
Perissodini Poll 1986:148 [ref. 6136] (tribe) *Perissodus*
Heterochromidinae Kullander 1998:494 [ref. 23855] (subfamily) *Heterochromis* [correct stem is Heterochrom-]
Benthochromini Takahashi 2003:377 [ref. 27540] (tribe) *Benthochromis*
Boulengerochromini Takahashi 2003:377 [ref. 27540] (tribe) *Boulengerochromis*
Cyphotilapiini Takahashi 2003:377 [ref. 27540] (tribe) *Cyphotilapia*
Greenwoodochromini Takahashi 2003:378 [ref. 27540] (tribe) *Greenwoodochromis*
Hemichromini Lamboj 2004:94 [ref. 32237] (tribe) *Hemichromis* [not published according to the rules, not available]
Pelmatochromini Lamboj 2004:123 [ref. 32237] (tribe) *Pelmatochromis* [not published according to the rules, not available]
Chromidotilapiini Lamboj 2004:127 [ref. 32237] (tribe) *Chromidotilapia* [not published according to the rules, not available]
Orthochromini Clabaut, Salzburger & Meyer 2005:678 [ref. 32238] (tribe) *Orthochromis* [not published according to the rules, not available]
Schwetzochromini Salzburger *et al.* 2005:9 [ref. 32239] (tribe) *Schwetzochromis* [not published according to the rules, not available]
Haplotilapiinii Schwarzer *et al.* 2009:2, 4 [ref. 32240] (tribe) ? ["informal designation"?, Dunz & Schliewen 2010:1 [ref. 30890]; no stem of the type genus, not available, Article 11.7.1.1]

Oreochromini Schwarzer *et al.* 2009:2, 4, 5, 7, 9 [ref. 32240] (tribe) *Oreochromis* ["informal designation"?, Dunz & Schliewen 2010:1 [ref. 30890]; not available]

Austrotilapiini Schwarzer *et al.* 2009:3, 4 [ref. 32240] (tribe) ? ["informal designation"?, Dunz & Schliewen 2010:1 [ref. 30890]; no stem of the type genus, not available, Article 11.7.1.1; name sometimes seen as Australotilapiini]

Boreotilapiini Schwarzer *et al.* 2009:3, 4 [ref. 32240] (tribe) ? ["informal designation"?, Dunz & Schliewen 2010:1 [ref. 30890]; no stem of the type genus, not available, Article 11.7.1.1; name sometimes seen as Boreochromini]

Etiini Schwarzer *et al.* 2009:4, 5 [ref. 32240] (tribe) *Etia* ["informal designation"?, Dunz & Schliewen 2010:1 [ref. 30890]; not available]

Coelotilapiini Dunz & Schliewen 2013:71 [ref. 32672] (tribe) *Coelotilapia*

Heterotilapiini Dunz & Schliewen 2013:73 [ref. 32672] (tribe) *Heterotilapia*

Pelmatolapiini Dunz & Schliewen 2013:73 [ref. 32672] (tribe) *Pelmatolapia*

Coptodonini Dunz & Schliewen 2013:73 [ref. 32672] (tribe) *Coptodon* [correct stem would be Coptodont-]

Gobiocichlini Dunz & Schliewen 2013:74 [ref. 32672] (tribe) *Gobiocichla*

Oreochromini Dunz & Schliewen 2013:74 [ref. 32672] (tribe) *Oreochromis*

Etiini Dunz & Schliewen 2013:75 [ref. 32672] (tribe) *Etia*

Steatocranini Dunz & Schliewen 2013:75 [ref. 32672] (tribe) *Steatocranus*

Subfamily Cichlinae Bonaparte 1835

Cychlini Bonaparte 1835:[11] [ref. 32242] (subfamily) *Cichla* [*Cychla* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Cichl- by Gill 1872:7 [ref. 26254], confirmed by Bleeker 1877:4 [ref. 454] and by Jordan 1923a:219 [ref. 2421]]

Acharnina Günther 1861c:369 [ref. 1964] (group) *Acharnes*

Geophaginae Haseman 1911:322 [ref. 2047] (subfamily) *Geophagus*

Chaetobranchini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Chaetobranchus* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]

Astronotini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13, [ref. 19665] (tribe) *Astronotus* [name only, but used as valid, as Astronotidi, by Hoedeman 1954:442, by Hoedeman 1974:1022 and by Kullander 1998:494 [ref. 23855], Article 13.2.1; also as name only: Hoedeman 1948:X.60.762.262, p. 1, Hoedeman 1949:X.60.762.261, p. 1, Hoedeman 1950:X.60.762.262, p. 1 and Hoedeman 1951:X.60.762.265, p. 1]

Cichlasomini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Cichlasoma* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available; also in Enclycopedia of Waterlife X.601.175.223, pp. 1, 9]

Crenicarini Hoedeman 1947 in Hoedeman & de Jong 1947–58:X.60.76, p. 13 [ref. 19665] (tribe) *Crenicara* [name only, rejected by Kullander 1998:493 [ref. 23855] with the help of Article 13; not available]

Chaetobranchinae Fernández-Yépez 1951:1 [ref. 32241] (subfamily) *Chaetobranchus*

Crenicichlinae Fernández-Yépez 1951:2 [ref. 32241] (subfamily) *Crenicichla* [genus inferred from the stem, Article 11.7.1.1]

Therapsini Allgayer 1989:20 [ref. 20696] (tribe) *Theraps*

Cichlasomatinae Kullander 1998:492 [ref. 23855] (subfamily) *Cichlasoma*

Retroculinae Kullander 1998:494 [ref. 23855] (subfamily) *Retroculus*

Heroini Kullander 1998:493 [ref. 23855] (tribe) *Heros*

Acarichthyini Kullander 1998:494 [ref. 23855] (tribe) *Acarichthys*

Crenicaratini Kullander 1998:494 [ref. 23855] (tribe) *Crenicara*

Acaroniini Kullander 1998:494 [ref. 23855] (tribe) *Acaronia*

Archocentrina Allgayer 2001:13 [ref. 26904] (subtribe) *Archocentrus*

Family Embiotocidae Agassiz 1853 Name in prevailing recent practice, Article 35.5

Ditrematini Bonaparte 1850b [ref. 32551] (subfamily) *Ditrema* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Ditrem- by Gill 1889c:1701 [ref. 32847], confirmed by Fowler 1951b:4 [ref. 31928] and by Greenwood, Rosen, Weitzman & Myers 1966:400 [ref. 26856]]

Embiotocoidae Agassiz 1853:383 [ref. 68] (family) *Embiotoca* [family name sometimes seen as Ambiotocidae; Embiotocidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Norman & Greenwood 1975, Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], McAllister 1990 [ref. 14674], Robins *et al.* 1991a [ref. 14237], Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Nelson 2006 [ref. 32486], Fierstine, Huddleston & Takeuchi 2012]

Holconoti Agassiz 1853:383 [ref. 68] (family) *Holconotus* Agassiz 1854 [genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]

Holconoti Agassiz 1854:365, 368 [ref. 70] (family) *Holconotus* Agassiz [stem Holconot- confirmed by Gill 1885a:239 [ref. 1653] and by Gill 1893b:135 [ref. 26255]; invalid, Article 39]

Hysterocarpinae Gill 1862n:275 [ref. 1666] (subfamily) *Hysterocarpus*

Amphistichinae Hubbs 1918:9, 12 [ref. 2227] (subfamily) *Amphistichus*

Micrometrinae Hubbs 1918:9, 13 [ref. 2227] (subfamily) *Micrometrus*

Family Pomacentridae Bonaparte 1831 Name in prevailing recent practice, Article 35.5

Glyphisodia Rafinesque 1815:83 [ref. 3584] (subfamily) *Glyphisodon* [corrected to Glyphisodontinae by Richardson 1844:89 [ref. 3739], confirmed by Whitley 1929b:209, 225 [ref. 4666]; stem changed to Glyphidodont- by Bleeker 1877:4 [ref. 454] on *Glyphidodon*, confirmed by Gill 1890a:4612 [ref. 32974]; family name sometimes seen as Glyphiodontidae]

Pomacentrini Bonaparte 1831:157, 170 [ref. 4978] (subfamily) *Pomacentrus* [Pomacentridae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Robins *et al.* 1991b [ref. 14238], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], Allen, Midgley & Allen 2002 [ref. 25930], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980]]

Chromidini Bonaparte 1831:159, 178 [ref. 4978] (subfamily) *Chromis* [stem changed to Chrom- by Whitley 1929b:209, 217 [ref. 4666] and 'Whitley 1929 in' McCulloch 1929–30:302 [ref. 2948], confirmed by Lindberg 1971:156 [ref. 27211], by Allen 1975:34 [ref. 32846] and by Nelson 2006:393 [ref. 32486]]

Cteno-Labridae Owen 1846:48 [ref. 32214] (family) *Pomacentrus* [no stem of the type genus, not available, Article 11.7.1.1; also seen as Labroidei ctenoidei; Gill 1889c:1384 [ref. 32847] and Gill 1890a:4612 [ref. 32974] used Ctenolabridae, not based on *Ctenolabrus*]

Amphiprioninae Gill 1859b:148 [ref. 1762] (subfamily) *Amphiprion*

Prochilini Bleeker 1878:4, 17 [ref. 454] (phalanx ≈ tribe) *Prochilus* Bleeker [invalid, Article 39]

Microspathodontinae Jordan & Evermann 1898a:1544 [ref. 2444] (subfamily) *Microspathodon*

Premninae Fowler & Bean 1928:3 [ref. 1475] (subfamily) *Premnas* [stem emended to Pemnad- by Steyskal 1980:172 [ref. 14191]]

Abudefdufidae Whitley 1929b:208 [ref. 4666] (subfamily) *Abudefduf*

Parminae Whitley 1929b:208, 210, 228 [ref. 4666] (subfamily) *Parma* [also 'Whitley 1929 in' McCulloch 1929–30:301 [ref. 2948]]

Hemiglyphidodontinae Whitley 1929b:210 [ref. 4666] (subfamily) *Hemiglyphidodon*

Cheiloprioninae Whitley 1929b:210, 218 [ref. 4666] (subfamily) *Cheiloprion*

Lepidozyginae Allen 1975:34 [ref. 32846] (subfamily) *Lepidozygus*

Stegastinae Cooper, Smith & Westneat 2009:12 [ref. 32509] (subfamily) *Stegastes*

Family Labridae Cuvier 1816

Léiopomes Duméril 1805:126 [ref. 1151] (family) ? *Hiatula* [no stem of the type genus, not available, Article 11.7.1.1]

Leiopomia Rafinesque 1815:85 [ref. 3584] (family) ? *Hiatula* [no stem of the type genus, not available, Article 11.7.1.1]

Labroïdes Cuvier 1816:260 [ref. 993] (family) *Labrus* [latinized to Labroide [Labroidae] by Fleming 1822:391 [ref. 5063]; latinized to Labroidesae by Schinz 1822:422 [ref. 3926]; latinized to Labroides by Latreille 1825:133 [ref. 31889], confirmed by Minding 1832:VII, 94 [ref. 3022]; latinized to Labridae by Bonaparte 1831:159, 177 [ref. 4978]; latinized to Labroidei by Eichwald 1831:79 [ref. 5562]; considered valid with this authorship by Gill 1861a:50 [ref. 1766], by Gill 1893b:135 [ref. 26255], by Nolf 1985:93 [ref. 32698], by Patterson 1993:647 [ref. 32940] and by Sheiko 2013:100 [ref. 32944] Article 11.7.2]

Leiopoma Jarocki 1822:133, 190 [ref. 4984] (family) ? *Novacula* [no stem of the type genus, not available, Article 11.7.1.1]

Bodianites Latreille 1825:134 [ref. 31889] (tribe) ? *Bodianus* [stem Bodian- confirmed by Jordan & Snyder 1902b:612 [ref. 2514], by Fowler & Bean 1928:188 [ref. 1475], by Whitley 1929a:125 [ref. 4665], by McCulloch 1929–30:318 [ref. 2948], by Lindberg 1971:158 [ref. 27211] and by Gomon 1997:789 [ref. 23083]]

Julini Bonaparte 1841: fasc. 30, puntata 156 [ref. 512] (subfamily) *Julis* [also Bonaparte 1841:introduzione [19] [ref. 515]; stem changed to Julid- by Günther 1861b:66, 384 [ref. 1967], confirmed by Gill 1873:786 [ref. 17631], by Smitt 1892–95:20 [ref. 4146] and by Lindberg 1971:156 [ref. 27211]; family name sometimes seen as Juliidae]

Epibulini Bonaparte 1841: fasc. 30, puntata 156 [ref. 512] (subfamily) *Epibulus* [also Bonaparte 1841:introduzione [19] [ref. 515]]

Xyrichthini Bonaparte 1841: fasc. 30, puntata 156 [ref. 512] (subfamily) *Xyrichtys* [as *Xyrichthys*, name must be corrected Article 32.5.3; also Bonaparte 1841:introduzione [19] [ref. 515]; stem changed to Xirichthy- by Gill 1862i:142 [ref. 1662] based on *Xirichthys;* stem changed to Xyrichthy- by Gill 1863e:223 [ref. 1685] based on *Xyrichthys*; correct stem is Xyrichty- Sheiko 2013:101 [ref. 32944]]

Cyclo-Labridae Owen 1846:48 [ref. 32214] (family) ? [no stem of the type genus, not available, Article 11.7.1.1; also seen as Labroidei cycloidei; family name sometimes seen as Cyclolabridae]

Labrichthyoidei Bleeker 1857:73 [ref. 356] (family) *Labrichthys* [genus inferred from the stem, Article 11.7.1.1; also as subfamily Labrichthyiformes Bleeker 1862a:414 [ref. 382]]

Hypsigenina Günther 1861b:383 [ref. 1967] (group) *Hypsigenys* [stem changed to Hypsigeny- by Gomon 1997:790 [ref. 23083], confirmed by Nelson 2006:395 [ref. 32486]; senior objective synonym of Choerodontidi Fowler 1956]

Pseudodacina Günther 1861b:68, 388 [ref. 1967] (group) *Pseudodax*

Choeropina Günther 1862a:66, 93 [ref. 1969] (group) *Choerops* [stem changed to Choerosp- [Choerops-] by Poey 1867:206 [ref. 32247]]

Cheiliniformes Bleeker 1862a:408 [ref. 382] (subfamily) *Cheilinus* [also as stirps Bleeker 1862b:54, 61 [ref. 4858]; stem Cheilin- confirmed by Fowler & Bean 1928:189 [ref. 1475] and by Lindberg 1971:156 [ref. 27211]; Gill 1893b:135 [ref. 26255] used Chilininae]

Cheilioniformes Bleeker 1862a:410 [ref. 382] (subfamily) *Cheilio* [also as stirps Bleeker 1862b:55, 81 [ref. 4858]; Gill 1893b:135 [ref. 26255] used Chilioninae]

Pseudolabriformes Bleeker 1862a:410 [ref. 382] (subfamily) *Pseudolabrus* [also as stirps Bleeker 1862b:55, 83 [ref. 4858]]

Novaculaeformes Bleeker 1862a:414 [ref. 382] (subfamily) *Novacula* [also as stirps Bleeker 1862b:55, 147 [ref. 4858]]

Cossyphiformes Bleeker 1862a:415 [ref. 382] (subfamily) *Cossyphus* Valenciennes [also as stirps Bleeker 1862b:55, 156 [ref. 4858]; invalid, Article 39]

Clepticiformes Bleeker 1862a:418 [ref. 382] (subfamily) *Clepticus* [also as stirps Bleeker 1862b:55 [ref. 4858]; stem Cleptic- confirmed by Jordan 1890:602 [ref. 2392] and by Lindberg 1971:156 [ref. 27211]]

Gomphosinae Gill 1862i:140 [ref. 1662] (subfamily) *Gomphosus* [genus inferred from the stem, Article 11.7.1.1]

Duymaeriformes Klunzinger 1871:551 [ref. 2622] (subfamily) *Duymaeria* [stem corrected to Duymaeri- by Fowler 1956a:163, 180, 184 [ref. 1469]]

Harpinae Jordan 1890:601, 602 [ref. 2392] (subfamily) *Harpe*

Malapterinae Jordan 1890:602, 604 [ref. 2392] (subfamily) *Malapterus* [Regan 1913c:134 [ref. 3654] used Malacopterinae based on *Malacopterus*; senior objective synonym of Hospilabridae Whitley 1931]

Coridinae Gill 1893b:135 [ref. 26255] (subfamily) *Coris* [genus inferred from the stem, Article 11.7.1.1; stem changed to Cor- by Fowler & Bean 1928:189 [ref. 1475], confirmed by McCulloch 1929–30:305 [ref. 2948]]

Anampsinae Gill 1893b:135 [ref. 26255] (subfamily) *Anampses* [genus inferred from the stem, Article 11.7.1.1]

Thalassominae Jordan & Snyder 1902b:613 [ref. 2514] (subfamily) *Thalassoma*

Neolabridae Jordan 1923a:223 [ref. 2421] (family) *Neolabrus*

Hospilabridae Whitley 1931a:334 [ref. 4672] (family) *Hospilabrus* [name only, used as valid before 2000?; not available; if available, then a junior objective synonym of Malapterinae Jordan 1890, invalid, Article 61.3.2]

Choerodontidi Fowler 1956a:163 [ref. 1469] (tribe) *Choerodon* [junior objective synonym of Hypsigenina Günther 1861, invalid, Article 61.3.2]

Hemigymnidi Fowler 1956a:163, 181, 248 [ref. 1469] (tribe) *Hemigymnus*

Hemipteronotidi Fowler 1956a:163, 261 [ref. 1469] (tribe) *Hemipteronotus*

Labroididi Fowler 1956a:181, 185 [ref. 1469] (tribe) *Labroides*

Hologymnosini Fowler 1956a:181 [ref. 1469] (subtribe) *Hologymnosus*

Stethojulini Fowler 1956a:181 [ref. 1469] (subtribe) *Stethojulis*

Halichoerini Fowler 1956a:181 [ref. 1469] (subtribe) *Halichoeres*

Pseudocorini Fowler 1956a:208 [ref. 1469] (no family-group name, error)

Family Odacidae Günther 1861 Name in prevailing recent practice, Article 35.5

Siphonognathinae Gill 1861j:168 [ref. 1776] (subfamily) *Siphonognathus* [family-group name not used as valid after 1899]

Odacina Günther 1861b:388 [ref. 1967] (group) *Odax* [family-group name used as valid by: Jordan 1923 [ref. 2421], Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Scott 1976 [ref. 3996], Shiino 1976, Nelson 1984 [ref. 13596], Gomon & Paxton 1986 [ref. 5656], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]]

Neoodacidae McCulloch 1922:99 [ref. 17624] (family) *Neoodax* [family name sometimes seen as Neodacidae or Neodaciidae]

Family Scaridae Rafinesque 1810

Subfamily Scarinae Rafinesque 1810

? Ostéostomes Duméril 1805:128 [ref. 1151] (family) ? *Scarus* [no stem of the type genus, not available, Article 11.7.1.1]

Scaridi Rafinesque 1810b:18 [ref. 3595] (ordine) *Scarus* [latinized to Scarini by Bonaparte 1831:178 [ref. 4978]; latinized to Scarini by Günther 1862a:68, 208 [ref. 1969]; considered valid with this authorship by Gill 1893b:135 [ref. 26255], by Nolf 1985:93 [ref. 32698] and by Sheiko 2013:102 [ref. 32944] Article 11.7.2]

Callyodontidae Fowler & Bean 1922:51 [ref. 1473] (family) *Callyodon* [family name sometimes seen as Calliodontidae]

Subfamily Sparisomatinae Gill 1893

Sparisominae Gill 1893b:135 [ref. 26255] (subfamily) *Sparisoma* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Sparisomat- by Jordan & Evermann 1898a:1621 [ref. 2444], confirmed by Myers & Storey 1956:25 [ref. 32831], by Schultz 1958:4 [ref. 3970], by Lindberg 1971:158 [ref. 27211] and by Bruce & Randall 1985:1, 5 [ref. 5234]]

Scarichthyidae Jordan & Seale 1905:789 [ref. 2495] (family) *Scarichthys* [also Jordan & Seale 1906:312 [ref. 2497]]

Suborder Zoarcoidei

Family Bathymasteridae Jordan & Gilbert 1883

Bathymasterinae Jordan & Gilbert 1883:619 [ref. 2476] (subfamily) *Bathymaster*

Family Zoarcidae Swainson 1839

Subfamily Gymnelinae Gill 1863

Gymnelinae Gill 1863i:256, 261 [ref. 1689] (subfamily) *Gymnelus*

Melanostigmatinae Jordan & Evermann 1898b:2456 [ref. 2445] (subfamily) *Melanostigma* [Lindberg 1971:174 [ref. 27211] used Melanostigminae]

Hadropareiinae Andriashev 1939:76 [ref. 27253] (subfamily) *Hadropareia* [name only, but used as valid, as Hadropareinae, by Lindberg 1971:174 [ref. 27211] and by Lindberg & Krasyukova 1975:122 [ref. 7348] Article 13.2.1; original stem Hadroparei- is correct Sheiko 2013:111 [ref. 32944]]

Nalbantichthyinae Fedorov & Sheiko 1988:120 [ref. 12755] (subfamily) *Nalbantichthys*

Subfamily Lycodinae Gill 1861

Lycodinae Gill 1861a:46 [ref. 1766] (subfamily) *Lycodes*

Lycodapodidae Jordan 1896:234 [ref. 2395] (family) *Lycodapus* [family name sometimes seen as Lycodapidae or Lycodapodiidae]

Derepodichthyidae Jordan & Evermann 1896b:481 [ref. 2442] (family) *Derepodichthys* [also Jordan & Evermann 1898b:2480 [ref. 2445]]

Lycogramminae Andriashev 1939:76 [ref. 27253] (subfamily) *Lycogramma* [name only, but used as valid by Lindberg & Krasyukova 1975:122, 123 [ref. 7348] Article 13.2.1]

Plateinae Lindberg 1971:174 [ref. 27211] (subfamily) *Platea* Steindachner [invalid, Article 39]

Mayneinae Lindberg 1971:174, 175 [ref. 27211] (subfamily) *Maynea*

Subfamily Lycozoarcinae Andriashev 1939

Lycozoarcinae Andriashev 1939:76 [ref. 27253] (subfamily) *Lycozoarces* [name only, but used as valid by Lindberg & Krasyukova 1975:122 [ref. 7348] Article 13.2.1]

Subfamily Zoarcinae Swainson 1839

Zoarchidae Swainson 1839:82, 184, 283 [ref. 4303] (family) *Zoarces* [as *Zoarchus*, name must be corrected Article 32.5.3; stem corrected to Zoarce- by Gill 1861a:45 [ref. 1766], confirmed by Gill 1885a:259 [ref. 1653]; stem changed to Zoarci- by Gill 1873:785 [ref. 17631]; stem corrected to Zoarc- by Gill 1880:247 [ref. 5766], confirmed by Regan 1912c:275 [ref. 3646], by Jordan 1923a:236 [ref. 2421], by Myers & Storey 1956:27 [ref. 32831] and by Nelson 1976:158 [ref. 32838]]

Subfamily Neozoarcinae Jordan & Snyder 1902 Name in prevailing recent practice, Article 35.5

Eulophiasinae Smith 1902:93 [ref. 4039] (subfamily) *Eulophias* [changed to Eulophiinae by Jordan & Snyder 1902c:442 [ref. 2516], confirmed by Makushok 1958:107 [ref. 2878] and by Lindberg 1971:170 [ref. 27211]]

Neozoarcinae Jordan & Snyder 1902c:443 [ref. 2516] (subfamily) *Neozoarces* [Neozoarcinae used as valid by: Makushok 1961 [ref. 26645], Lindberg & Krasyukova 1975 [ref. 7348], Anderson 1982 [ref. 5520], Anderson 1984 [ref. 13634], Anderson 1989 [ref. 13487], Radchenko, Chereshnev & Petrovskaya 2010 [ref. 30795]]

Family Stichaeidae Gill 1864

Subfamily Stichaeinae Gill 1864

Stichaeoidae Gill 1864e:208 [ref. 1703] (family) *Stichaeus*

Stichaeopsinae Schmidt 1950:66, 274 [ref. 12471] (group) *Stichaeopsis* [author also seen as Shmidt]

Subfamily Opisthocentrinae Jordan & Evermann 1898

Opisthocentrinae Jordan & Evermann 1898b:2349 [ref. 2445] (subfamily) *Opisthocentrus* [Opisthocentrinae given precedence over Plectobranchinae by Makushok 1958:77, 90 [ref. 2878]]

Plectobranchinae Jordan & Evermann 1898b:2349 [ref. 2445] (subfamily) *Plectobranchus*

Subfamily Lumpeninae Jordan & Evermann 1898 Name in prevailing recent practice, Article 35.5

Centroblennioidei Bleeker 1874c:368 [ref. 435] (family) *Centroblennius* [genus inferred from the stem, Article 11.7.1.1; name never used as valid after 1899]

Lumpeninae Jordan & Evermann 1898b:2349 [ref. 2445] (subfamily) *Lumpenus* [family-group name used as valid by: Jordan 1923a:235 [ref. 2421], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211],

Lindberg & Krasyukova 1975 [ref. 7348], Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Whitehead *et al.* (1986b) [ref. 13677], McAllister 1990 [ref. 14674], Nelson 1994 [ref. 26204], Nelson 2006 [ref. 32486]]

Subfamily Chirolophinae Jordan & Evermann 1898

Chirolophinae Jordan & Evermann 1898b:2347 [ref. 2445] (subfamily) *Chirolophis* [genus inferred from the stem, Article 11.7.1.1]

Subfamily Xiphisterinae Jordan 1880 Name in prevailing recent practice, Article 35.5

Cebedichthyinae Gill 1862n:279 [ref. 1666] (subfamily) *Cebidichthys* [as *Cebedichthys*, name must be corrected Article 32.5.3; stem corrected to Cebidichthy- by Jordan 1923a:233 [ref. 2421], confirmed by Myers & Storey 1956:12 [ref. 32831], by Makushok 1958:84 [ref. 2878], by Makushok 1961:200 [ref. 26645] and by Yatsu 1986:663, 675 [ref. 5150]]

Xiphidiontidae Gill 1865b:143 [ref. 1676] (family) *Xiphidion* Girard [also Gill 1865c:247 [ref. 1707]; stem changed to Xiphidi- by Jordan 1905:511 [ref. 31955]; invalid, Article 39 or no valid type genus, not available, Article 11.7.1.1]

Xiphisteridae Jordan 1880:241 [ref. 2381] (family) *Xiphister* [stem changed to Xiphisteri- by McAllister 1968:145 [ref. 26854]; family-group name used as valid by: Jordan 1923a:234 [ref. 2421], Makushok 1958 [ref. 2878], McAllister 1968 [ref. 26854], Lindberg & Krasyukova 1975 [ref. 7348], Nelson 1984 [ref. 13596], McAllister 1990 [ref. 14674], Radchenko, Chereshnev & Petrovskaya 2012 [ref. 32479]]

Dictyosomatinae Jordan & Evermann 1898b:2349 [ref. 2445] (subfamily) *Dictyosoma* [genus inferred from the stem, Article 11.7.1.1; stem changed to Dictyosom- by Jordan & Snyder 1902c:443 [ref. 2516], confirmed by Fowler 1958c:254 [ref. 31906]]

Alectriinae Makushok 1958:62, 75, 96 [ref. 2878] (subfamily) *Alectrias*

Subfamily Azygopterinae Makushok 1958

Azygopterinae Makushok 1958:62, 77, 104 [ref. 2878] (subfamily) *Azygopterus*

Family Cryptacanthodidae Gill 1861

Cryptacanthoidae Gill 1861a:46 [ref. 1766] (family) *Cryptacanthodes* [corrected to Cryptacanthodidae by Gill 1885a:259 [ref. 1653], confirmed by Jordan 1923a:235 [ref. 2421], by Lindberg 1971:166 [ref. 27211], by Nelson 1976:274 [ref. 32838] and by Fierstine, Huddleston & Takeuchi 2012:137; family name sometimes seen as Cryptacanthidae]

Family Pholidae Gill 1893 Name and spelling in prevailing recent practice

Auchénoptères Duméril 1805:117 [ref. 1151] (family) ? *Muraenoides* [no stem of the type genus, not available, Article 11.7.1.1]

Monactylia Rafinesque 1815:82 [ref. 3584] (subfamily) ? *Dactyleptus* [no stem of the type genus, not available, Article 11.7.1.1]

Ophisominae Swainson 1839:73, 183 [ref. 4303] (subfamily) *Ophisomus*

Centronotinae Gill 1859b:146 [ref. 1762] (family) *Centronotus* Bloch & Schneider [preoccupied by Centronotini Bonaparte 1831 in fishes, invalid, Article 55.3]

Gunnelliformes Bleeker 1859d:XXV [ref. 371] (subfamily) *Gunnellus*

Muraenoididae Gill 1890a:3900 [ref. 32974] (family) *Muraenoides*

Pholididae Gill 1893b:136 [ref. 26255] (family) *Pholis* [genus inferred from the stem, Article 11.7.1.1; stem changed to Phol- by Bigelow 1917:273 [ref. 32848], confirmed by Jordan 1923a:234 [ref. 2421]; original stem Pholid- confirmed by Nelson 1976:274 [ref. 32838] (although he used Pholinae as subfamily!) and by Steyskal 1980:170 [ref. 14191]; Eschmeyer 1998:2485 [ref. 23416] and Nelson 2006:398 [ref. 32486] used Pholidae; family-group name also used as valid by: Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1986b) [ref. 13677], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Mecklenburg 2003b [ref. 27299], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199]; not Pholidae in Mollusca = Pholadidae]

Apodichthyinae Hubbs 1927:351, 389 [ref. 2236] (subfamily) *Apodichthys*

Family Anarhichadidae Bonaparte 1835 Spelling in prevailing recent practice

Macrorhynchi Goldfuss 1820:VII, 52 [ref. 1829] (family) ? *Anarhichas* [as *Anarrhichas*; no stem of the type genus, not available, Article 11.7.1.1]

Anarrhichadini Bonaparte 1835:[13] [ref. 32242] (subfamily) *Anarhichas* [*Anarrhichas* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem changed to Anarrhich- by Bonaparte 1850b [ref. 32551]; stem corrected to Anarhichad- by Jordan 1923a:235 [ref. 2421], confirmed by Lindberg 1971:166 [ref. 27211] and by Nelson 1976:274 [ref. 32838]; stem emended to Anarhichant- by Steyskal 1980:172 [ref. 14191]; McAllister 1990:166 [ref. 14674], Eschmeyer 1998:2485 [ref. 23416] and Nelson 2006:399 [ref. 32486] used Anarhichadidae (family); family name sometimes seen as Anarrhichadidae]

Anarrhichthyinae Jordan & Evermann 1898b:2445 [ref. 2445] (subfamily) *Anarrhichthys*

Family Ptilichthyidae Jordan & Gilbert 1883

Ptilichthyinae Jordan & Gilbert 1883:369 [ref. 2476] (subfamily) *Ptilichthys*

Family Zaproridae Jordan 1896

Zaproridae Jordan 1896:202 [ref. 2395] (family) *Zaprora*

Family Scytalinidae Jordan & Starks 1895

Scytalinidae Jordan & Starks 1895:849 [ref. 2522] (family) *Scytalina* [senior objective synonym of Scytaliscidae Golvan 1962]

Scytaliscidae Golvan 1962:133 [ref. 13459] (family) *Scytaliscus* [junior objective synonym of Scytalinidae Jordan & Starks 1895, invalid, Article 61.3.2]

Suborder Notothenioidei

Family Bovichtidae Gill 1862

Bovichthyoidae Gill 1862a:514 [ref. 1782] (family) *Bovichtus* [as *Bovichthys*, name must be corrected Article 32.5.3; family name changed to Bovichtiidae [Bovichtidae] by McCulloch 1922:103 [ref. 17624]; family name corrected to Bovictidae by Jordan 1923a:228 [ref. 2421] based on *Bovictus*; corrected to Bovichtidae by Scott 1953:155 [ref. 32630], confirmed by Nelson 2006:401 [ref. 32486]; family name sometimes seen as Bovichthyidae or Bovicthiidae]

Family Pseudaphritidae McCulloch 1929

Pseudaphritidae McCulloch 1929–30:336 [ref. 2948] (family) *Pseudaphritis*

Family Eleginopsidae Gill 1893 Spelling in prevailing recent practice

Elegininae Gill 1862a:516 [ref. 1782] (subfamily) *Eleginus* Cuvier [on p. 521 as Eleginiinae; invalid, Article 39]

'different family' Gill 1862a:522 [ref. 1782] (family) *Eleginops* [not available]

Eleginopinae Gill 1893b:136 [ref. 26255] (subfamily) *Eleginops* [genus inferred from the stem, Article 11.7.1.1; stem changed to Eleginops- by Balushkin 1992:9 [ref. 32849], confirmed by Balushkin 2000:S97 [ref. 29555] and by Sheiko 2013:113 [ref. 32944]; Nelson 2006:401 [ref. 32486] used Eleginopidae]

Family Nototheniidae Günther 1861

Subfamily Pleuragrammatinae Andersen & Hureau 1979 Name in prevailing recent practice

Gelididae Whitley 1937a:19 [ref. 4691] (family) *Gelidus*

Pleuragramminae Andersen & Hureau 1979:48 [ref. 32631] (subfamily) *Pleuragramma* [stem corrected to Pleuragrammat- by Balushkin 1984 [ref. 6138], confirmed by Balushkin 2000:S97 [ref. 29555] and by Sheiko 2013:113 [ref. 32944]]

Subfamily Nototheniinae Günther 1861

Nototheniina Günther 1861a:86 [ref. 1966] (group) *Notothenia*

Subfamily Trematominae Balushkin 1982

Trematominae Balushkin 1982:9 [ref. 6042] (subfamily) *Trematomus*

Family Harpagiferidae Gill 1861

Harpagiferoidae Gill 1861n:510 [ref. 31885] (family) *Harpagifer*

Family Artedidraconidae Andriashev 1967

Artedidraconinae Andriashev 1967:393 [ref. 5205] (subfamily) *Artedidraco*

Family Bathydraconidae Regan 1913

Subfamily Bathydraconinae Regan 1913

Bathydraconidae Regan 1913b:240, 251, 281 [ref. 3651] (family) *Bathydraco* [family name sometimes seen as Batydraconidae]

Parachaenichthyini Balushkin & Voskoboinikova 1995:151, 153 [ref. 32850] (tribe) *Parachaenichthys*

Cygnodraconinae Derome, Chen, Dettaï, Bonillo & Lecointre 2002:144–147 [ref. 33082] (subfamily) *Cygnodraco* [not published according to the rules, not available]

Subfamily Gymnodraconinae Andriashev 1983

Gymnodraconinae Andriashev 1983:429 [ref. 32851] (subfamily) *Gymnodraco*

Family Channichthyidae Gill 1861

Chaenichthyoidae Gill 1861m:507 [ref. 1781] (family) *Channichthys* [as *Chaenichthys*, name must be corrected Article 32.5.3; emended to Channicthyidae by Greenwood, Rosen, Weitzman & Myers 1966:401 [ref. 26856]; emended to Channichthyidae by McAllister 1968:144 [ref. 26854], confirmed by Andriashev & Neyelov 1978:5 [ref. 123] and by Iwami 1985:1 [ref. 13368]; family name sometimes seen as Chaenichthidae or Chaenichthyidae]

Pagetodinae Gill 1861m:510 [ref. 1781] (subfamily) *Pagetodes*

Suborder Trachinoidei

Family Chiasmodontidae Jordan & Gilbert 1883

Chiasmodontidae Jordan & Gilbert 1883:964 [ref. 2476] (family) *Chiasmodon* [family name sometimes seen as Chiasmodidae]

Gargaropterinae Smith 1965b:568 [ref. 4134] (subfamily) *Gargaropteron* [correct stem is Gargaropteront-Sheiko 2013:103 [ref. 32944]]

Family Champsodontidae Jordan & Snyder 1902

Champsodontidae Jordan & Snyder 1902a:462, 480 [ref. 2513] (family) *Champsodon*

Centropercidae Schultz in Schultz with Stern 1948:242 [ref. 31938] (family) *Centropercis* [genus inferred from the stem, Article 11.7.1.1; name in synonymy, treated as available before 1961?; not available, Article 11.6.1]

Family Trichodontidae Bleeker 1859

Trichodontiformes Bleeker 1859d:XX [ref. 371] (subfamily) *Trichodon*

Family Ammodytidae Bonaparte 1835

Lanceolata Latreille 1825:142 [ref. 31889] (family) *Ammodytes* [no stem of the type genus, not available, Article 11.7.1.1]

Ammodytes Minding 1832:VI, 77 [ref. 3022] (family) *Ammodytes* [singular noun, not clearly used as a suprageneric taxon, Article 11.7.1.2; not available]

Ammodytini Bonaparte 1835:[21] [ref. 32242] (subfamily) *Ammodytes* [genus inferred from the stem, Article 11.7.1.1]

Argyrotaeninae Gill 1861a:40 [ref. 1766] (subfamily) *Argyrotaenia* [correct stem is Argyrotaeni-]

Bleekeriidae Jordan 1905:521 [ref. 31955] (family) *Bleekeria* [family name sometimes seen as Bleekeridae]

Embolichthyidae Myers & Storey 1956:15 [ref. 32831] (family) *Embolichthys* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Family Trachinidae Rafinesque 1815

Trachinidi Rafinesque 1810b:12 [ref. 3595] (ordine) *Trachinus* [published not in latinized form before 1900; not available, Article 11.7.2]

Trachinia Rafinesque 1815:82 [ref. 3584] (subfamily) *Trachinus*

? Compressi Jarocki 1822:296, 298 [ref. 4984] (family) ? *Trachinus* [no stem of the type genus, not available, Article 11.7.1.1]

Family Uranoscopidae Bonaparte 1831

? Platycephali Jarocki 1822:296, 302 [ref. 4984] (family) ? *Uranoscopus* [no stem of the type genus, not available, Article 11.7.1.1]

Uranoscopini Bonaparte 1831:156 [ref. 4978] (subfamily) *Uranoscopus*

Xenocephalinae Kaup 1858b:85 [ref. 2576] (subfamily) *Xenocephalus*

Kathetostomatinae Jordan & Evermann 1898b:2306 [ref. 2445] (subfamily) *Kathetostoma*

Ichthyscopinae Jordan & Snyder 1902a:473 [ref. 2513] (subfamily) *Ichthyscopus*
Gnathagninae Jordan & Snyder 1902a:474 [ref. 2513] (subfamily) *Gnathagnus*
Astroscopidae Fowler 1907a:341 [ref. 32852] (family) *Astroscopus*
Pleuroscopidae Smith 1949:177 [ref. 5846] (family) *Pleuroscopus*

Family Trichonotidae Günther 1861
Trichonotidae Günther 1861a:85 [ref. 1966] (family) *Trichonotus* [genus inferred from the stem, Article 11.7.1.1; also Günther 1861c:484 [ref. 1964]; family name sometimes seen as Trichinotidae]

Family Creediidae Waite 1899
Creediadae Waite 1899:63 [ref. 4557] (family) *Creedia* [corrected in erratum to Creediidae, confirmed by Regan 1913c:142 [ref. 3654], by Lindberg 1971:160 [ref. 27211] and by Nelson 1978:352 [ref. 8902]]
Limnichthyidae Regan 1913c:142 [ref. 3654] (family) *Limnichthys* [family name sometimes seen as Limnichthidae]

Family Leptoscopidae Gill 1859
Leptoscopinae Gill 1859a:133 [ref. 1792] (subfamily) *Leptoscopus*

Family Percophidae Swainson 1839
Subfamily Percophinae Swainson 1839
Percophinae Swainson 1839:168, 203 [ref. 4303] (subfamily) *Percophis* [stem changed to Percophid- by Gill 1885a:247 [ref. 1653], confirmed by Lindberg 1971:160 [ref. 27211] and by Nelson 1976:261 [ref. 32838]; stem changed to Percophi- by Boulenger 1904b:705 [ref. 31880]; original stem Percoph- confirmed by Steyskal 1980:171 [ref. 14191] and by Nelson 2006:407 [ref. 32486]]
Subfamily Bembropinae Regan 1913
Bempropsidae [Bembropsidae] Regan 1913c:140 [ref. 3654] (family) *Bembrops* [stem corrected to Bembrop- by Jordan 1923a:229 [ref. 2421], confirmed by Steyskal 1980:175 [ref. 14191] and Nelson 2006:407 [ref. 32486]]
Subfamily Hemerocoetinae Kaup 1873
Hemerocoetinae Kaup 1873:79, 80 [ref. 2585] (subfamily) *Hemerocoetes* [genus inferred from the stem, Article 11.7.1.1]
Pteropsaridae Jordan & Evermann 1903:206 [ref. 2450] (family) *Pteropsaron*

Family Pinguipedidae Günther 1860
Percioidei Bleeker 1859d:110 [ref. 371] (family) *Percis* Bloch & Schneider [invalid, Article 39]
Pinguipedina Günther 1860:251 [ref. 1963] (group) *Pinguipes*
Parapercioidei Bleeker 1872:127 [ref. 431] (family) *Parapercis* [stem corrected to Parapercid- by Gill 1893b:136 [ref. 26255], confirmed by Sheiko 2013:103 [ref. 32944]; stem changed to Paraperc- by McCulloch 1929–30:261 [ref. 2948], confirmed by Myers & Storey 1956:22 [ref. 32831]]
Parapercichthyidae Whitley & Phillipps 1939:235 [ref. 4737] (family) *Parapercichthys*

Family Cheimarrichthyidae Regan 1913
Chimarrichthyidae Regan 1913c:139 [ref. 3654] (family) *Cheimarrichthys* [as *Chimarrichthys*, name must be corrected Article 32.5.3; corrected to Cheimarrichthyidae by Greenwood, Rosen, Weitzman & Myers 1966:401 [ref. 26856], confirmed by Nelson 2006:405 [ref. 32486]; Lindberg 1971:160 [ref. 27211] and Nelson 1976:263 [ref. 32838] used Cheimarrhichthyidae]

Suborder Pholidichthyoidei

Family Pholidichthyidae Jordan 1896 Name in prevailing recent practice, Article 35.5
Brotulophinae Gill 1863h:253 [ref. 1688] (subfamily) *Brotulophis* [stem corrected to Brotulophid- by Gill 1872:3 [ref.26254], confirmed by Gill 1884d:176 [ref. 1725]]
Pholidichthyinae Jordan 1896:233 [ref. 2395] (subfamily) *Pholidichthys* [genus inferred from the stem, Article 11.7.1.1; Pholidichthyidae used as valid by: McAllister 1968 [ref. 26854], Springer & Freihofer 1976 [ref. 7108], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Springer 2001 [ref. 26282], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2012 [ref. 31980]]

Suborder Blennioidei

Family Tripterygiidae Whitley 1931

Subfamily Notoclininae Fricke 2009

Notoclininae Fricke 2009:61 [ref. 30394] (subfamily) *Notoclinus* [also as tribe Notoclinini p. 58]

Subfamily Tripterygiinae Whitley 1931

Tripterygiontidae [Tripterygiontinae] Whitley 1931a:324 [ref. 4672] (subfamily) *Tripterygion* [stem changed to Tripterygion- by Fowler 1958c:149 [ref. 31906]; stem corrected to Tripterygi- by Schultz 1960:281 [ref. 3972], confirmed by Fricke 2009:59 [ref. 30394]]

Trianectini Fricke 2009:58 [ref. 30394] (tribe) *Trianectes*

Norfolkiini Fricke 2009:58 [ref. 30394] (tribe) *Norfolkia*

Forsterygiini Fricke 2009:59 [ref. 30394] (tribe) *Forsterygion*

Karalepini Fricke 2009:59 [ref. 30394] (tribe) *Karalepis* [correct stem would be Karalepid-]

Helcogrammini Fricke 2009:60 [ref. 30394] (tribe) *Helcogramma*

Blennodontini Fricke 2009:60 [ref. 30394] (tribe) *Blennodon*

Family Labrisomidae Clark Hubbs 1952 Name in prevailing recent practice, Article 35.5

Emmniinae Jordan & Evermann 1898b:2345 [ref. 2445] (subfamily) *Emmnion* [family-group name not used as valid after 1899]

Labrisominae Clark Hubbs 1952:52, 56 [ref. 2252] (subfamily) *Labrisomus* [also as tribe Labrisomidi and subtribe Labrisomini; stem changed to Labrisomat- by Lindberg 1971:168 [ref. 27211]; family-group name also used as valid by: Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Menezes *et al.* 2003 [ref. 27192], Williams & Mounts 2003 [ref. 26947], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Nelson 2006 [ref. 32486], Hastings & Springer 2009 [ref. 30391], Sáez & Pequeño 2009 [ref. 30951], Baldwin & Robertson 2013 [ref. 32721]]

Mnierpidi Clark Hubbs 1952:52, 57 [ref. 2252] (tribe) *Mnierpes*

Paraclinidi Clark Hubbs 1952:53, 65 [ref. 2252] (tribe) *Paraclinus*

Starksiidi Clark Hubbs 1952:53, 95 [ref. 2252] (tribe) *Starksia*

Cryptotremidi Clark Hubbs 1952:53, 96 [ref. 2252] (tribe) *Cryptotrema*

Calliclinini Clark Hubbs 1952:53, 103 [ref. 2252] (subtribe) *Calliclinus*

Aptoclinidae Tinker 1978:353 [ref. 32853] *Haptoclinus* [*Aptoclinus* inferred from the stem; published after 1960 as a junior synonym; not available, Article 11.6.3; family name sometimes seen in synonymy as Haptoclinidae]

Family Clinidae Swainson 1839

Clininae Swainson 1839:182, 276 [ref. 4303] (subfamily) *Clinus*

Cirribarbinae Swainson 1839:183 [ref. 4303] (subfamily) *Cirrhibarbis* [as *Cirribarbus*, name must be corrected Article 32.5.3; ever corrected?]

Peronedyidae Jordan 1923a:232 [ref. 2421] (family) *Peronedys* [stem changed to Peronedys- by McCulloch 1929–30:351 [ref. 2948]]

Ophioclinidae Jordan 1923a:232 [ref. 2421] (family) *Ophiclinus* [as *Ophioclinus*, name must be corrected Article 32.5.3; stem corrected to Ophiclin- by McCulloch 1929–30:352 [ref. 2948], confirmed by Whitley 1941:39 [ref. 4701], by Myers & Storey 1956:21 [ref. 32831] and by Glover 1976:174 [ref. 19449]]

Stichariidae Whitley 1941:39 [ref. 4701] (family) *Sticharium*

Myxodinae Smith 1946:537 [ref. 4072] (subfamily) *Myxodes* [also Smith 1949:350 [ref. 5846]]

Xenopoclininae Smith 1948:732 [ref. 4075] (subfamily) *Xenopoclinus* [also Smith 1949:350, 351 [ref. 5846]]

Blennioclinini Clark Hubbs 1952:54, 107 [ref. 2252] (subtribe) *Blennioclinus*

Cristicepsinae Fowler 1958c:149 [ref. 31906] (subfamily) *Cristiceps*

Family Chaenopsidae Gill 1865

Chaenopsidae Gill 1865b:141 [ref. 1676] (family) *Chaenopsis*

Emblemariinae Jordan 1896:233 [ref. 2395] (subfamily) *Emblemaria* [genus inferred from the stem, Article

11.7.1.1]

Stathmonotinae Jordan & Evermann 1898b:2347 [ref. 2445] (subfamily) *Stathmonotus*

Neoclinidi Clark Hubbs 1952:52 [ref. 2252] (tribe) *Neoclinus* [name only, but used as valid by Clark Hubbs 1953:12 [ref. 12698] and by Lindberg & Krasyukova 1975:27 [ref. 7348] Article 13.2.1]

Family Dactyloscopidae Gill 1859

Dactyloscopinae Gill 1859a:133 [ref. 1792] (subfamily) *Dactyloscopus*

Myxodagninae Gill 1861l:263 [ref. 1778] (subfamily) *Myxodagnus*

Family Blenniidae Rafinesque 1810

Subfamily Blenniinae Rafinesque 1810

Blennidi Rafinesque 1810b:9 [ref. 3595] (ordine) *Blennius* [latinized to Blennidia by Rafinesque 1815:82 [ref. 3584] (family); latinized to Blennii by Jarocki 1822:296, 319 [ref. 4984], stem Blenni- confirmed by Minding 1832:VI, 80, 85 [ref. 3022] and by Bonaparte 1846:7, 66 [ref. 519]; considered valid with this authorship by Gill 1893b:136 [ref. 26255], by Nolf 1985:96 [ref. 32698], by Patterson 1993:648 [ref. 32940] and by Sheiko 2013:109 [ref. 32944] Article 11.7.2]

Polactylia Rafinesque 1815:82 [ref. 3584] (subfamily) ? *Blennius* [no stem of the type genus, not available, Article 11.7.1.1]

Ophidonidae Swainson 1839:49, 259 [ref. 4303] (family) ? *Xiphasia* [no stem of the type genus, not available, Article 11.7.1.1]

Nemophidae Kaup 1858a:169 [ref. 2577] (family) *Nemophis* [stem changed to Nemophid- by Greenwood, Rosen, Weitzman & Myers 1966:401 [ref. 26856]; original stem Nemoph- confirmed by Steyskal 1980:171 [ref. 14191] and by Nelson 2006:413 [ref. 32486]]

Xiphasiinae Gill 1863h:253 [ref. 1688] (subfamily) *Xiphasia*

Plagiotrematinae Gill 1865a:138 [ref. 1677] (subfamily) *Plagiotremus* [stem corrected to Plagiotrem- by Gill 1893b:136 [ref. 26255], confirmed by Myers & Storey 1956:22 [ref. 32831] and by Fowler 1958c:170 [ref. 31906]]

Runulinae Jordan & Evermann 1898b:2346 [ref. 2445] (subfamily) *Runula*

Atopoclinidae Jordan 1923a:233 [ref. 2421] (family) *Atopoclinus*

Petroscirtinae Whitley 1935b:351 [ref. 4684] (subfamily) *Petroscirtes* [name only, but used as valid by Norman 1944:796 [ref. 3228] and by Fowler 1958c:229 [ref. 31906] Article 13.2.1]

Xiphogadidae Myers & Storey 1956:27 [ref. 32831] (family) *Xiphogadus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Omobranchini Springer 1968:64 [ref. 32632] (tribe) *Omobranchus*

Phenablenniini Springer & Smith-Vaniz 1972:65 [ref. 4180] (tribe) *Phenablennius*

Subfamily Salariinae Gill 1859

Salarianae Gill 1859d:168 [ref. 1755] (subfamily) *Salarias* [stem Salari- confirmed by Fitzinger 1873:41 [ref. 31883] and by Jordan & Evermann 1898b:2346 [ref. 2445]; subfamily name sometimes seen as Salarinae]

Andamiaeformes Bleeker 1859d:XXV [ref. 371] (subfamily) *Andamia*

Ophioblenniinae Jordan 1896:233, 234 [ref. 2395] (subfamily) *Ophioblennius* [genus inferred from the stem, Article 11.7.1.1]

Ecsenidi Fowler 1958c:169 [ref. 31906] (tribe) *Ecsenius* [name just in a key, not mentioned in the text, probably an error; correct stem is Ecseni- Sheiko 2013:109 [ref. 32944]]

Parablenniini Bock & Zander 1986:142 [ref. 16148] (tribe) *Parablennius*

Suborder Icosteoidei

Family Icosteidae Jordan & Gilbert 1880

Icosteidae Jordan & Gilbert 1880:307 [ref. 2469] (family) *Icosteus*

Acrotidae Gill 1893b:134 [ref. 26255] (family) *Acrotus* [genus inferred from the stem, Article 11.7.1.1]

Suborder Callionymoidei

Family Callionymidae Bonaparte 1831

Callionymini Bonaparte 1831:159, 177 [ref. 4978] (subfamily) *Callionymus*

Amorinae Fowler 1941b:2, 30 [ref. 1439] (subfamily) *Anaora* [as *Amora*, name must be corrected Article 32.5.3; ever corrected?]

Draculinae Fowler 1941b:2, 31 [ref. 1439] (subfamily) *Draculo* [stem sometimes seen as Draculon-; stem changed to Draculo- by Fowler 1959:75 [ref. 32633]]

Synchiropidi Fowler 1959:75 [ref. 32633] (tribe) *Synchiropus*

Pogonyminae Smith 1963:549, 562 [ref. 4129] (subfamily) *Pogonymus*

Family Draconettidae Jordan & Fowler 1903

Draconettidae Jordan & Fowler 1903b:939 [ref. 2462] (family) *Draconetta*

Suborder Gobioidei

Family Rhyacichthyidae Jordan 1905

Platypteriformes Bleeker 1859d:XXV [ref. 371] (subfamily) *Platypterus* Kuhl & van Hasselt [on p. 227 as *Platyptera* Kuhl & van Hasselt; Gill 1872:6 [ref. 26254] used Platypteridae (family) based on *Platyptera* ?; invalid, Article 39]

Rhyacichthyidae Jordan 1905:504 [ref. 31955] (family) *Rhyacichthys*

Family Odontobutidae Hoese & Gill 1993

Odontobutidae Hoese & Gill 1993:434 [ref. 32171] *Odontobutis* [Odontobutididae is an incorrect spelling; original stem Odontobut- confirmed by Kottelat & Freyhof 2009:85 [ref. 30320], by Gill & Hoese 2011:67 [ref. 31121] and by Kottelat 2011b:66 [ref. 31660]]

Family Eleotridae Bonaparte 1835 Spelling in prevailing recent practice

Subfamily Butinae Bleeker 1874

Butii Bleeker 1874b:290, 295, 304 [ref. 437] (subtribe) *Butis* [stem But- confirmed by Kottelat 2011b:66 [ref. 31660]]

Ophiocarinae Fowler 1938a:129 [ref. 1426] (subfamily) *Ophiocara*

Bostrychinae Fowler 1962:72 [ref. 32648] (subfamily) *Bostrychus*

Subfamily Eleotrinae Bonaparte 1835 Spelling in prevailing recent practice

Éleuthéropodes Duméril 1805:122 [ref. 1151] (family) ? *Gobiomorus* [no stem of the type genus, not available, Article 11.7.1.1]

Eleotridini Bonaparte 1835:[12] [ref. 32242] (subfamily) *Eleotris* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Eleotr- by Swainson 1839:183, 281 [ref. 4303], confirmed by Lindberg 1971:184 [ref. 27211] and by Nelson 1976:277 [ref. 32838]; original stem Eleotrid- confirmed by Steyskal 1980:170 [ref. 14191] and by Kottelat 2013b:388 [ref. 32989]; Eschmeyer 1998:2488 [ref. 23416] and Nelson 2006:421 [ref. 32486] used Eleotridae]

Philypni Gill 1860a:120, 122 [ref. 17623] (tribe) *Philypnus*

Hypseleotrini Bleeker 1874b:290, 295, 305 [ref. 437] (tribe) *Hypseleotris* [no valid type genus, not available, Article 11.7.1.1]

Alexurus Jordan 1895:511 [ref. 2394] (no family-group name)

Belobranchinae Fowler 1938a:129 [ref. 1426] (subfamily) *Belobranchus*

? Vomerodontia Herre 1953:732 [ref. 5594] (section) ? [no stem of the type genus, not available, Article 11.7.1.1]

Gobiomoridae Whitley 1954b:30 [ref. 4721] (family) *Gobiomorus* [genus inferred from the stem, Article 11.7.1.1; a substitute for Eleotridae auct.]

Subfamily Milyeringinae Whitley 1945

Milyeringidae Whitley 1945:35 [ref. 4707] (family) *Milyeringa*

Family Thalasseleotrididae Gill & Mooi 2012

Thalasseleotrididae Gill & Mooi 2012:46 [ref. 31872] (family) *Thalasseleotris*

Family Gobiidae Cuvier 1816

Subfamily Sicydiinae Gill 1860

Sicydianae Gill 1860b:100 [ref. 1764] (subfamily) *Sicydium*

Sicydiaphiinae Koumans 1931:14, 15, 19, 24 [ref. 5623] (subfamily) '*Sicydium+Aphia*' [no stem of one type genus, not available]

Sicyopterinae Fowler 1960:93 [ref. 33083] (subfamily) *Sicyopterus* [genus inferred from the stem, Article

11.7.1.1]
Sicyopini Watson, Keith & Marquet 2007:344 [ref. 29348] (tribe) *Sicyopus*
Subfamily Gobionellinae Bleeker 1874 Name in prevailing recent practice
"very distinct tribe" Gill 1859b:146 [ref. 1762] (tribe) *Luciogobius* [not named; not available]
Tridentigerinae Gill 1859c:16 [ref. 1753] (subfamily) *Tridentiger* [also Gill 1859e:195 [ref. 1758]]
Luciogobiiformes Bleeker 1874b:290, 300, 331 [ref. 437] (subfamily) *Luciogobius*
Gymnogobiini Bleeker 1874b:291, 296, 309 [ref. 437] (tribe) *Gymnogobius*
Triaenophorichthyini Bleeker 1874b:291, 296, 312 [ref. 437] (tribe) *Triaenophorichthys*
Brachygobii Bleeker 1874b:291, 297, 314 [ref. 437] (subtribe) *Brachygobius*
Platygobii Bleeker 1874b:291, 297, 315 [ref. 437] (subtribe) *Platygobius*
Chaeturichthyi Bleeker 1874b:291, 299, 324 [ref. 437] (subtribe) *Chaeturichthys*
Gobionelli Bleeker 1874b:291, 299, 325 [ref. 437] (subtribe) *Gobionellus* [family-group name used as valid by: Nelson 1994 [ref. 26204], Larson 1999 [ref. 23907], Larson 2001a [ref. 25769], Larson & Buckle 2005 [ref. 28489], Nelson 2006 [ref. 32486], Larson 2009 [ref. 30125], Thacker 2009 [ref. 30058], Larson 2010 [ref. 30783], Ott 2011 [ref. 32266], Pezold 2011 [ref. 31727], Larson & Buckle 2012 [ref. 32272], Chatterjee & Mishra 2013 [ref. 32933], Thacker 2013 [ref. 32494]]
Gobioidinae Jordan & Eigenmann 1887:481 [ref. 8016] (subfamily) *Gobioides*
Gillichthyinae Iljin 1930:21 [ref. 2297] (subfamily) *Gillichthys*
Rhinogobiinae Takagi 1963:5, 175 [ref. 32635] (subfamily) *Rhinogobius* [unpublished work, not available]
Leucopsarioninae Takagi 1963:7, 175 [ref. 32635] (subfamily) *Leucopsarion* [unpublished work, not available]
Rhinogobiinae Hoese 1984:590 [ref. 5196] (subfamily) *Rhinogobius* [name only, published after 1960, not available, Article 13.1.1]
Polyspondylogobiinae Wu in Wu & Zhong 2008:16, 752, 903 (subfamily) *Polyspondylogobius*
Subfamily Oxudercinae Günther 1861
Oxudercidae Günther 1861c:165 [ref. 1964] (family) *Oxuderces*
Periophthalminae Gill 1863k:271 [ref. 1692] (subfamily) *Periophthalmus*
Apocrypteini Bleeker 1874b:291, 299, 327 [ref. 437] (tribe) *Apocryptes* [also as subtribe Apocryptei]
Boleophthalmi Bleeker 1874b:300, 328 [ref. 437] (subtribe) *Boleophthalmus*
Subfamily Amblyopinae Günther 1861
Amblyopina Günther 1861c:2, 133 [ref. 1964] (group) *Amblyopus* [Bleeker 1874b:292 [ref. 437] also used the stem Amblyop-, but on p. 328, 329 [ref. 437] he used Amblyopod-; original stem Amblyop- confirmed by Gill 1863j:262 [ref. 1690], by Jordan & Gilbert 1883:630 [ref. 2476] and by Kottelat 2013b:432 [ref. 32989]; senior objective synonym of Taenioididae Hora 1924]
Trypauchenina Günther 1861c:2, 137 [ref. 1964] (group) *Trypauchen*
Taenioididae Hora 1924:157 [ref. 2205] (family) *Taenioides* [also as subfamily Taenioininae [Taenioidinae]; Fowler 1962:18 [ref. 32634] also used as stem Taenioid- and Taenioin-; junior objective synonym of Amblyopina Günther 1861, invalid, Article 61.3.2]
Subfamily Gobiinae Cuvier 1816
Plécopodes Duméril 1805:122 [ref. 1151] (family) ? *Gobius* [latinized to Plecopodia by Rafinesque 1815:87 [ref. 3584]; no stem of the type genus, not available, Article 11.7.1.1; not based on *Plecopodus*]
Gobioïdes Cuvier 1816:249 [ref. 993] (family) *Gobius* [latinized to Gobioidae by Fleming 1822:391 [ref. 5063], latinized to Gobii by Jarocki 1822:133, 168 [ref. 4984]; latinized to Gobioides by Schinz 1822:407 [ref. 3926]; latinized to Gobidae by Bonaparte 1831:159, 176 [ref. 4978]; latinized to Gobioidei by Eichwald 1831:73 [ref. 5562]; considered valid with this authorship by Müller 1843:296 [ref. 3063], by Gill 1859b:145 [ref. 1762], by Gill 1893b:136 [ref. 26255], by Carus 1893:676 [ref. 17975] and by Koumans 1931:1 [ref. 5623] Article 11.7.2]
? Pareleotrini Bleeker 1874b:290, 295, 306 [ref. 437] (tribe) ? [no stem of the type genus, not available, Article 11.7.1.1]
Gobiodontini Bleeker 1874b:291, 296, 308 [ref. 437] (tribe) *Gobiodon*
Latrunculini Bleeker 1874b:291, 296, 310 [ref. 437] (tribe) *Latrunculus* Günther [invalid, Article 39]
Eugobii Bleeker 1874b:291, 297, 316 [ref. 437] (tribe) ? *Gobius* [no stem of the type genus, not available,

Article 11.7.1.1]
Brachyeleotrii Bleeker 1875a:103 [ref. 440] (subtribe) *Brachyeleotris*
Amblyeleotrii Bleeker 1875a:104 [ref. 440] (subtribe) *Amblyeleotris*
Crystallogobiinae Jordan & Evermann 1898b:2192 [ref. 2445] (subfamily) *Crystallogobius* [genus inferred from the stem, Article 11.7.1.1]
Doliichthyidae Jordan 1923a:227 [ref. 2421] (family) *Doliichthys*
Bentophilina [Benthophilina] Beling & Iljin 1927:323 [ref. 7211] (tribe) *Benthophilus* [corrected to Benthophilina by Iljin 1927:129, 136 [ref. 5613], stem Benthophil- confirmed by Koumans 1931:146 [ref. 5623], by Lindberg 1971:186 [ref. 27211] and by Neilson & Stepien 2009:95 [ref. 30487]]
Aphyina Iljin 1927:128, 136 [ref. 5613] (tribe) *Aphia* [as *Aphya*, name must be corrected Article 32.5.3; Lozano Rey 1960:40 [ref. 32636] used Aphynae (subfamily); correct stem is Aphi-]
Valencienneinae Fowler 1938a:129 [ref. 1426] (subfamily) *Valenciennea*
Calleleotrinae Smith 1947:807 [ref. 4073] (subfamily) *Calleleotris* [name only, but used as valid by Hoese 1985:590 [ref. 5196] Article 13.2.1]
Croiliinae Smith 1955b:106 [ref. 4095] (subfamily) *Croilia* [also Smith 1955f:23 [ref. 4101]]
Austrolethopinae Smith 1958b:139, 155 [ref. 4118] (subfamily) *Austrolethops*
Lioterinae Smith 1958b:139, 156 [ref. 4118] (subfamily) *Lioteres*
Lebetinae Lozano Rey 1960:29 [ref. 32636] (subfamily) *Lebetus*
Callogobiinae Takagi 1963:5, 173 [ref. 32635] (subfamily) *Callogobius* [unpublished work, not available]
Gobiosomini Birdsong 1975:182 [ref. 17218] (tribe) *Gobiosoma* [stem corrected to Gobiosomat- by Smith & Baldwin 1999:439 [ref. 24419], confirmed by Rüber, van Tassell & Zardoya 2003:1584 [ref. 26969]]
Ponticolini Neilson & Stepien 2009:96 [ref. 30487] (tribe) *Ponticola*
Neogobiini Neilson & Stepien 2009:96 [ref. 30487] (tribe) *Neogobius*

Family Kraemeriidae Whitley 1935 (1911) Name in prevailing recent practice, Article 40.2
Psammichthyidae Regan 1911g:733 [ref. 32170] (family) *Psammichthys*
Kraemeriidae Whitley 1935a:244 [ref. 4683] (family) *Kraemeria* [Kraemeriidae used as valid by: Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Schultz, Woods & Lachner 1966 [ref. 5366], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Hoese 1986 [ref. 5670], Smith & Heemstra 1986 [ref. 5715], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Larson 2001b [ref. 26294], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Wu & Zhong 2008, Allen & Erdmann 2012 [ref. 31980]]
Vitreolidae Myers & Storey 1956:27 [ref. 32831] (family) *Vitreola* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Family Microdesmidae Regan 1912 Name in prevailing recent practice, Article 35.5
Subfamily Microdesminae Regan 1912 Name in prevailing recent practice
Cerdalaidae [Cerdalidae] Gill 1885a:261 [ref. 1653] (family) *Cerdale* [genus inferred from the stem, Article 11.7.1.1; corrected to Cerdalidae by Jordan & Evermann 1896b:478 [ref. 2442], confirmed by Fowler 1938b:260 [ref. 1428], by Myers & Storey 1956:13 [ref. 32831], by Greenwood, Rosen, Weitzman & Myers 1966:402 [ref. 26856] and by Lindberg 1971:124 [ref. 27211]]
Microdesmidae Regan 1912c:274 [ref. 3646] (family) *Microdesmus* [Microdesmidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Larson 2001c [ref. 26296], Menezes *et al.* 2003 [ref. 27192], Paugy, Lévêque & Teugels 2003b [ref. 29208], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007b [ref. 30010], Wu & Zhong 2008, Allen & Erdmann 2012 [ref. 31980], Randall & Connell 2013 [ref. 32942]]
Paragobioidinae Schultz 1943:262 [ref. 3957] (subfamily) *Paragobioides*
Gunnellichthidae Smith 1958a:123 [ref. 4119] (family) *Gunnellichthys* [stem corrected to Gunnellichthy-

by Schultz in Schultz, Woods & Lachner 1966:10 [ref. 5366], confirmed by Hayashi in Masuda, Amaoka, Uyeno & Yoshino 1988:288 [ref. 13363] and by Sheiko 2013:124 [ref. 32944]]

Subfamily Ptereleotrinae Bleeker 1875

Ptereleotrii Bleeker 1875a:104 [ref. 440] (tribe) *Ptereleotris* [stem Ptereleotr- confirmed by Fowler 1939:1 [ref. 1430]; Kottelat 2013b:435 [ref. 32989] used as stem Ptereleotrid-]

Oxymetopontinae Jordan & Eigenmann 1887:481 [ref. 8016] (subfamily) *Oxymetopon* [genus inferred from the stem, Article 11.7.1.1; stem changed to Oxymetopon- by Gill 1893b:136 [ref. 26255]; original stem Oxymetopont- confirmed by Jordan & Evermann 1898b:2188 [ref. 2445] and by Whitley 1933:88 [ref. 4677]]

Pogonoculiinae Fowler 1938a:129, 134 [ref. 1426] (subfamily) *Pogonoculius*

Nemateleotrinae Hoese 1984:589 [ref. 5196] (subfamily) *Nemateleotris* [name only, published after 1960, not available, Article 13.1.1]

Family Xenisthmidae Miller 1973

Xenisthminae Miller 1973:426 [ref. 25577] (subfamily) *Xenisthmus*

Family Schindleriidae Giltay 1934

Schindleriidae Giltay 1934:10 [ref. 13409] (family) *Schindleria*

Suborder Kurtoidei

Family Kurtidae Bleeker 1859

Kurtoidei Bleeker 1859b:367 [ref. 16984] (family) *Kurtus* [also Bleeker 1859d:XXIII [ref. 371]; Fitzinger 1873:32 [ref. 31883] used Cyrti based on *Cyrtus*]

Suborder Acanthuroidei

Family Ephippidae Bleeker 1859 Name and spelling [ICZN Opinion 2302] in prevailing recent practice

Platacini Bonaparte 1850b [ref. 32551] (subfamily) *Platax* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Plataeidae]

Ephippiformes Bleeker 1859d:XX [ref. 371] (subfamily) *Ephippus* [stem changed to Ephippi- by Gill 1861a:34 [ref. 1766], confirmed by Gill 1873:788 [ref. 17631]; original stem Ephipp- confirmed by Jordan 1923a:205 [ref. 2421] and by Nelson 1976:243 [ref. 32838]; stem emended to Ephippid- by Steyskal 1980:170 [ref. 14191], confirmed by Hayashi in Masuda, Amaoka, Araga, Uyeno & Yoshino 1984:181 [ref. 6441]; Nelson 2006:426 [ref. 32486] used Ephippidae, confirmed by Kottelat 2010:305 [ref. 31206] and ICZN Opinion 2302; senior objective synonym of Ilarchidae Jordan & Evermann 1902]

Proteracanthiformes Bleeker 1876b:296 [ref. 448] (subfamily) *Proteracanthus* [also Bleeker 1876–78:10, 17 [ref. 6835]]

Chaetodipteriformes Bleeker 1876b:300 [ref. 448] (subfamily) *Chaetodipterus* [also Bleeker 1876–78:10, 18 [ref. 6835]]

Ilarchidae Jordan & Evermann 1902:356 [ref. 2447] (family) *Ilarches* [junior objective synonym of Ephippiformes Bleeker 1859, invalid, Article 61.3.2]

Tripterodoninae Fowler 1933:186 [ref. 1414] (subfamily) *Tripterodon* [correct stem is Tripterodont-]

Rhinoprenidae Munro 1964:177, 179 [ref. 3058] (family) *Rhinoprenes*

Family Scatophagidae Gill 1883

Scatophagiformes Bleeker 1876b:302 [ref. 448] (subfamily) *Scatophagus* [also Bleeker 1876–78:10, 20 [ref. 6835]; no valid type genus, not available, Article 11.7.1.1]

Scatophagidae Gill 1883c:560 [ref. 33084] (family) *Scatophagus* [senior objective synonym of Prenidae Whitley 1956]

Prenidae Whitley 1956:252 [ref. 4725] (family) *Prenes* [junior objective synonym of Scatophagidae Gill 1883, invalid, Article 61.3.2]

Family Siganidae Richardson 1837

Les Theutyes Cuvier 1829:222 [ref. 995] (family) *Siganus* [latinized to Theutyidae; no stem of the type genus, not available, Article 11.7.1.1]

Teuthididae Bonaparte 1831:158, 175 [ref. 4978] (family) *Teuthis* [family name sometimes seen as Teuthydidae or Teutidae or Teuthidae; no available type genus?, ICZN Case 1721; not available, Article

11.7.1.1]

Siganoideae Richardson 1836:86 [ref. 3731] (family) *Siganus*

Amphacauthini [Amphacanthini] Bonaparte 1845:388 [ref. 32998] (subfamily) *Amphacanthus* [genus inferred from the stem, Article 11.7.1.1; corrected to Amphacanthini by Bonaparte 1846:7 [ref. 519], confirmed by Kottelat 2013b:439 [ref. 32989]]

Family Luvaridae Gill 1885 Name in prevailing recent practice, Article 35.5

Les Dianides Risso 1827:106 [ref. 3757] (family) *Diana* [published not in latinized form before 1900; not available, Article 11.7.2]

Astroderminae Swainson 1839:177, 255 [ref. 4302] (subfamily) *Astrodermus* [as *Astrodermes*]

Dianidae Gill 1872:9 [ref. 26254] (family) *Diana*

Luvaridae Gill 1885a:207 [ref. 1653] (family) *Luvarus* [genus inferred from the stem, Article 11.7.1.1; Luvaridae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986a) [ref. 13676], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Bannikov & 1995 [ref. 22553], Eschmeyer 1998 [ref. 23416], Nelson *et al.* 2004 [ref. 27807], Springer & Johnson 2004 [ref. 33199], Hoese *et al.* 2006, Nelson 2006 [ref. 32486]]

Family Zanclidae Bleeker 1876

Zancliformes Bleeker 1876b:309 [ref. 448] (subfamily) *Zanclus* [also Bleeker 1877:10 and Bleeker 1876–78:77 [ref. 6835]]

Family Acanthuridae Bonaparte 1835

Acanturini Rafinesque 1810b:16 [ref. 3595] (ordine) ? *Acanthurus* [genus inferred from the stem, Article 11.7.1.1; published not in latinized form before 1900; not available, Article 11.7.2]

Teuthides Latreille 1825:130 [ref. 31889] (family) ? *Acanthurus* [no stem of the type genus, not available, Article 11.7.1.1; latinized to Teuthididae or Theutidae, not Teuthididae Bonaparte 1831]

Acanthuridae Bonaparte 1835:[10] [ref. 32242] (family) *Acanthurus* [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Harpuridae Fowler 1904]

Acronuridae Günther 1861c:325 [ref. 1964] (family) *Acronurus* [family name sometimes seen as Acroneuridae]

Harpuridae Fowler 1904:544 [ref. 1367] (family) *Harpurus* [junior objective synonym of Acanthuridae Bonaparte 1835, invalid, Article 61.3.2]

Hepatidae Jordan & Dickerson 1908:616 [ref. 2438] (family) *Hepatus* Jordan & Seale ex Gronow [invalid, Article 39, ICZN case 1721]

Monocerotinae Ogilby 1916:173 [ref. 3297] (subfamily) *Monoceros*

Nasinae Fowler & Bean 1929:200 [ref. 1476] (subfamily) *Naso*

Prionurinae Smith 1966b:635, 672 [ref. 9066] (subfamily) *Prionurus* Lacepède

Zebrasomini Winterbottom 1993:36, 39 [ref. 20307] (tribe) *Zebrasoma*

Suborder Scombrolabracoidei

Family Scombrolabracidae Fowler 1925

Scombrolabracidés Roule 1922:7 [ref. 3820] (family) *Scombrolabrax* [published not in latinized form after 1899, not available]

Scombrolabracinae Fowler 1925:3 [ref. 1401] (subfamily) *Scombrolabrax*

Suborder Sphyraenoidei

Family Sphyraenidae Rafinesque 1815

Sphyrenidia Rafinesque 1815:89 [ref. 3584] (subfamily) *Sphyraena* [as *Sphyrena*, name must be corrected Article 32.5.3; stem corrected to Sphyraen- by Bonaparte 1831:156 [ref. 4978], confirmed by Günther 1860:334 [ref. 1963] and by Gill 1872:12 [ref. 26254]]

Suborder Scombroidei

Family Gempylidae Gill 1862

Aphyostomes Duméril 1805:106 [ref. 1151] (family) ? *Macrorhyncus* [latinized to Aphyostomi by Jarocki 1822:383 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Gempylinae Gill 1862f:125, 126 [ref. 1659] (subfamily) *Gempylus* [also Gill 1862o:329 [ref. 32252]]

Thyrsitinae Gill 1862o:329 [ref. 32252] (subfamily) *Thyrsites*

Lemnisomidae Fowler 1905a:767 [ref. 1368] (family) *Lemnisoma* [replacement for Gempylidae; also as subfamily Lemnisominae; family name sometimes seen as Lemnisomatidae]

Ruvettidae Snyder 1911:527 [ref. 4152] (family) *Ruvettus* [genus inferred from the stem, Article 11.7.1.1]

Acinaceidae Whitley 1929a:118 [ref. 4665] (family) *Acinacea* [also 'Whitley 1929 in' McCulloch 1929–30:268 [ref. 2948]; invalid, Article 39]

Lepidocybiinae Johnson 1986:7, 39 [ref. 5676] (subfamily) *Lepidocybium*

Family Trichiuridae Rafinesque 1810

Subfamily Aphanopodinae Gill 1863

Aphanopodinae Gill 1863f:225 [ref. 1686] (subfamily) *Aphanopus* [stem changed to Aphanop- by Gill 1893b:133 [ref. 26255], confirmed by Goode & Bean 1896:203 [ref. 1848]; original stem Aphanopod- confirmed by Tucker 1956:77 [ref. 32854] and by Nelson 2006:432 [ref. 32486]]

Subfamily Lepidopodinae Gill 1863

Pétalosomes Duméril 1805:120 [ref. 1151] (family) ? *Lepidopus* [no stem of the type genus, not available, Article 11.7.1.1]

Lepidopodinae Gill 1863f:227 [ref. 1686] (subfamily) *Lepidopus* [stem changed to Lepidop- by Goode & Bean 1896:203 [ref. 1848], confirmed by de Buen 1926:145 [ref. 5054] and by Lindberg 1971:178 [ref. 27211]; original stem Lepidopod- confirmed by Tucker 1956:77, 89 [ref. 32854], by Steyskal 1980:174 [ref. 14191] and by Nelson 2006:432 [ref. 32486]]

Subfamily Trichiurinae Rafinesque 1810

Trichiurini Rafinesque 1810b:37 [ref. 3595] (ordine) *Trichiurus* [genus inferred from the stem, Article 11.7.1.1; latinized to Trichiuria by Rafinesque 1815:91 [ref. 3584] (subfamily); latinized to Trichiurini by Bonaparte 1831:158 [ref. 4978] (subfamily); considered valid with this authorship by Gill 1893b:133 [ref. 26255], by Patterson 1993:649 [ref. 32940] and by Sheiko 2013:127 [ref. 32944] Article 11.7.2; senior objective synonym of Lepturoidae Gill 1861]

Lepturoidae Gill 1861a:35 [ref. 1766] (family) *Lepturus* [junior objective synonym of Trichiurini Rafinesque 1810, invalid, Article 61.3.2]

Family Scombridae Rafinesque 1815

Subfamily Gasterochismatinae Poey 1869

Gastrochismatida Poey 1869:207 [ref. 32247] (subfamily) *Gasterochisma* [*Gastrochisma* inferred from the stem, Article 11.7.1.1; name must be corrected Article 32.5.3; stem corrected to Gasterochismat- by Whitley 1957:68 [ref. 4727], confirmed by Nelson 1976:285 [ref. 32838] and by Nelson 2006:433 [ref. 32486]; Gill 1893b:134 [ref. 26255] used Gasteroschisminae]

Subfamily Scombrinae Rafinesque 1815

Atractosomes Duméril 1805:124 [ref. 1151] (family) ? *Scomber* [no stem of the type genus, not available, Article 11.7.1.1]

Scomberini Rafinesque 1810b:19 [ref. 3595] (ordine) *Scomber* [published not in latinized form before 1900; not available, Article 11.7.2]

Scomberia Rafinesque 1815:84 [ref. 3584] (subfamily) *Scomber* [stem corrected to Scombr- by Bonaparte 1835:[21] [ref. 32242], confirmed by Günther 1860:354 [ref. 1963] and Gill 1872:8 [ref. 26254]; Richardson 1846:320 [ref. 3742] used Scombrisidae]

Fusiformes Jarocki 1822:133, 150 [ref. 4984] (family) ? *Scomber* [no stem of the type genus, not available, Article 11.7.1.1]

Microleptes Swainson 1838:35 [ref. 4302] ("typical tribe of", no family-group name]

Thynninae Swainson 1839:174, 238 [ref. 4303] (subfamily) *Thynnus* Cuvier [invalid, Article 39]

Orycninae Gill 1861a:35 [ref. 1766] (subfamily) *Orcynus* [as *Orycnus*, name must be corrected Article 32.5.3; stem corrected to Orcyn- by Gill 1862o:329 [ref. 32252], confirmed by Poey 1867:207 [ref.

32247] and by Gill 1873:787 [ref. 17631]]

Sardinae Gill 1893b:133 [ref. 26255] (subfamily) *Sarda* [genus inferred from the stem, Article 11.7.1.1]

Acanthocybiinae Jordan & Evermann 1896a:865 [ref. 2443] (subfamily) *Acanthocybium*

Scomberomorinae Starks 1910:80 [ref. 32637] (subfamily) *Scomberomorus*

Thunninae Starks 1910:80 [ref. 32637] (subfamily) *Thunnus*

Cybiidae Kishinouye 1915:[3] [ref. 18416] (family) *Cybium* [family name sometimes seen as Cibiidae]

Katsuwonidae Kishinouye 1917:[2] [ref. 32855] (family) *Katsuwonus*

Rastrelligerinae Jordan & Hubbs 1925:210 [ref. 2486] (subfamily) *Rastrelliger*

Auxidini Berg 1940:492 [ref. 5049] (subfamily) *Auxis* [stem changed to Aux- by Fowler 1951b:4 [ref.31928]; stem changed to Auxi- by Matsubara 1955:645 [ref. 18463]; original stem Auxid- confirmed by Sheiko 2013:128 [ref. 32944]]

Thinninae Whitley 1955a:52 [ref. 4724] (subfamily) *Thinnus* [on p. 51 as Thinnidae; invalid, Article 39 ICZN Opinion 809]

Grammatorcynini Johnson 1986:7, 39 [ref. 5676] (tribe) *Grammatorcynus*

Suborder Xiphioidei

Family Xiphiidae Rafinesque 1815

Zifidi Rafinesque 1810b:39 [ref. 3595] (ordine) *Xiphias* [published not in latinized form before 1900; not available, Article 11.7.2]

Xyphidia Rafinesque 1815:91 [ref. 3584] (subfamily) *Xiphias* [stem corrected to Xiphiad- by Bonaparte 1831:158, 173 [ref. 4978]; stem changed to Xiphe- by Bonaparte 1846:8 [ref. 519]; stem corrected to Xiphi- by Richardson 1846:276 [ref. 3742], confirmed by Günther 1860:511 [ref. 1963], by Gill 1873:787 [ref. 17631], by Goode 1876:45 [ref. 1832], by Jordan 1923a:181 [ref. 2421], by Lindberg 1971:180 [ref. 27211] and by Nelson 1976:286 [ref. 32838]]

Xiphirynchi Latreille 1825:131 [ref. 31889] (family) *Xiphias* [no stem of the type genus, not available, Article 11.7.1.1]

Family Istiophoridae Rafinesque 1815

Istioforidi Rafinesque 1810a:54 [ref. 3594] (ordine) *Istiophorus* [published not in latinized form before 1900; not available, Article 11.7.2]

Istioforidi Rafinesque 1810b:30 [ref. 3595] (ordine) *Tetrapturus* [no stem of the type genus, not available, Article 11.7.1.1]

Istiophoria Rafinesque 1815:86 [ref. 3584] (subfamily) *Istiophorus* [stem sometimes seen as Histiophor-]

Tetrapturinae Gill 1873:787 [ref. 17631] (subfamily) *Tetrapturus* [stem sometimes seen as Tetrapturur- based on *Tetraptururus*]

Makairidae de Buen 1935b:101 [ref. 32856] (family) *Makaira* [name only, but used as valid by Blache, Cadenat & Stauch 1970:87, 305, 380 [ref. 17964] Article 13.2.1]

Marlinae Hirasaka & Nakamura 1947:11 [ref. 2174] (subfamily) *Marlina* Hirasaka & Nakamura [invalid, Article 39]

Marlinae Whitley 1954a:58 [ref. 4720] (subfamily) *Marlina* Grey [preoccupied by Marlinae Hirasaka & Nakamura 1947 in fishes, invalid, Article 55.3]

Suborder Stromateoidei

Family Amarsipidae Haedrich 1969

Amarsipidae Haedrich 1969:5 [ref. 2028] (family) *Amarsipus*

Family Centrolophidae Bonaparte 1846

Centrolophini Bonaparte 1846:8, 77 [ref. 519] (subfamily) *Centrolophus*

Leiriformes Bleeker 1859d:XXI [ref. 371] (subfamily) *Leirus* Lowe [invalid, Article 39; family name sometimes seen as Liridae]

Icichthyinae Jordan & Gilbert 1883:619 [ref. 2476] (subfamily) *Icichthys*

Mupinae Jordan & Evermann 1896a:962 [ref. 2443] (subfamily) *Mupus* [genus inferred from the stem, Article 11.7.1.1]

Schedophilinae Jordan & Evermann 1896a:968 [ref. 2443] (subfamily) *Schedophilus*

Family Nomeidae Günther 1860

Nomeina Günther 1860:354, 355, 387 [ref. 1963] (group) *Nomeus*

Cubicepini Moreau 1881:v.2 478 [ref. 3040] (subfamily) *Cubiceps* [correct stem is Cubicepit- Sheiko 2013:129 [ref. 32944]]

Psenidae Jordan 1887:577 [ref. 2388] (family) *Psenes* [also occupied in insects: Pseninae ? Ashmead 1899]

Alepidichthyidae Torres-Orozco & Castro-Aguirre 1983:37 [ref. 5384] (family) *Alepidichthys*

Family Ariommatidae Haedrich 1967

Ariommidae Haedrich 1967:88 [ref. 5357] (family) *Ariomma* [stem emended to Ariommat- by Steyskal 1980:173 [ref. 14191], confirmed by McAllister 1990:182 [ref. 14674] and by Nelson 2006:436 [ref. 32486]]

Family Tetragonuridae Risso 1827

Les Tétragonurides Risso 1827:109 [ref. 3757] (family) *Tetragonurus* [latinized to Tetragonurini by Bonaparte 1831:159, 176 [ref. 4978]; latinized to Tetragonurina by Günther 1861c:391 [ref. 1964]; considered valid with this authorship by Gill 1893b:131 [ref. 26255], by Carus 1893:704 [ref. 17975] and by Patterson 1993:651 [ref. 32940] Article 11.7.2]

Family Stromateidae Rafinesque 1810

? Curtisi Rafinesque 1810b:13 [ref. 3595] (ordine) ? *Chrysostromus* [as *Chrysostroma*; maybe based on *Kurtus* see Rafinesque 1815:83 [ref. 3584]; published not in latinized form before 1900; not available, Article 11.7.2]

Stromatini Rafinesque 1810b:39 [ref. 3595] (ordine) *Stromateus* [latinized to Stromateides by Latreille 1825:130 [ref. 31889]; latinized to Stromateini by Bonaparte 1835:[20] [ref. 32242]; considered valid with this authorship by Gill 1893b:134 [ref. 26255], by Patterson 1993:651 [ref. 32940] and by Sheiko 2013:129 [ref. 32944] Article 11.7.2]

Brachomia Rafinesque 1815:82 [ref. 3584] (family) ? *Chrysostromus* [as *Chrysotromia*; no stem of the type genus, not available, Article 11.7.1.1]

Leiodia Rafinesque 1815:84 [ref. 3584] (subfamily) ? *Chrysostromus* [as *Chrysostosus*; no stem of the type genus, not available, Article 11.7.1.1]

? Heterogeni Jarocki 1822:326, 328 [ref. 4984] (family) ? *Stromateus* [no stem of the type genus, not available, Article 11.7.1.1]

Les Fiatolides Risso 1827:107 [ref. 3757] (family) *Fiatola* [latinized to Fiatolidae by Agassiz 1845:25 [ref. 46889]; published not in latinized form before 1900; not available, Article 11.7.2; also, if available, a junior objective synonym of Stromatini Rafinesque 1810, Article 61.3.2]

Peprilinae Gill 1861a:35 [ref. 1766] (subfamily) *Peprilus*

Stromateoidinae Jordan & Evermann 1896a:964 [ref. 2443] (subfamily) *Stromateoides* [genus inferred from the stem, Article 11.7.1.1]

Pampidae Jordan 1923a:182 [ref. 2421] (family) *Pampus*

Suborder Anabantoidei

Family Anabantidae Bonaparte 1831

Branchies labyrinthiques Cuvier in Cuvier & Valenciennes 1828:572 [ref. 4880] (family) *Anabas* [also Pharyngiens labyrinthiformes Cuvier 1829:225 [ref. 995]; also as Labyrinthiform Pharyngeals; latinized to Labyrinthibranchii by Owen 1846:49 [ref. 32214]; no stem of the type genus, not available, Article 11.7.1.1]

Anabatini Bonaparte 1831:158, 176 [ref. 4978] (subfamily) *Anabas* [stem corrected to Anabant- by Eichwald 1831:71 [ref. 5562], confirmed by Bonaparte 1837:[7] [ref. 32243], by Cope 1871:459 [ref. 920], by Jordan 1923a:176 [ref. 2421], by Lindberg 1971:184 [ref. 27211] and by Nelson 1976:290 [ref. 32838]; family name sometimes seen as Anabasidae]

Spirobranchidae Swainson 1839: 174, 235 [ref. 4303] (family) *Spirobranchus* Cuvier [invalid, Article 39]

Coiidae Fowler 1905b:504 [ref. 1370] (family) *Coius* [family name sometimes seen as Colidae]

Ctenopominae Cambray 1997:299, 300 [ref. 33127] (subfamily) *Ctenopoma* [name only, but bibliographic reference to the description by Norris 1994; correct stem is Ctenopomat- Kottelat 2013b:447 [ref. 32989]]

Family Osphronemidae van der Hoeven 1832

Subfamily Macropodusinae Hoedeman 1948 Name in prevailing recent practice

Bettini Bleeker 1879b:2, 26 [ref. 457] (phalanx ≈ tribe) *Betta* [subfamily name sometimes seen as Bettainae]

Polyacanthinae Gill 1893b:135 [ref. 26255] (subfamily) *Polyacanthus* Cuvier [genus inferred from the stem, Article 11.7.1.1]

Parophiocephalidae Popta 1905:183 [ref. 3549] (family) *Parophiocephalus* Popta

Macropodinae Hoedeman 1948 in Hoedeman & de Jong 1947–58:X.59.21, p. 2 [ref. 19665] (subfamily) *Macropodus* [also as new in Liem 1962:47 [ref. 20932]; ICZN Opinion 2058 emended the spelling of the subfamily to Macropodusinae to remove homonymy with a family-group name in mammals; family-group name also used as valid by: Nelson 1976 [ref. 32838], Nelson 1984 [ref. 13596], Nelson 1994 [ref. 26204], Nelson 2006 [ref. 32486], Rüber, Britz & Zardoya 2006 [ref. 32638]]

Subfamily Luciocephalinae Bleeker 1852 Name in prevailing recent practice

Trichopodia Rafinesque 1815:85 [ref. 3584] (subfamily) *Trichopodus* [name never used as valid after 1899]

Luciocephaloïdei Bleeker 1852:99 [ref. 16831] (family) *Luciocephalus* [also Bleeker 1850–52:27 [ref. 13275]; family-group name used as valid by: Britz 2001 [ref. 25717], Nelson 2006 [ref. 32486], Rüber, Britz & Zardoya 2006 [ref. 32638]]

Trichogastrini Bleeker 1879b:2, 11 [ref. 457] (phalanx ≈ tribe) *Trichogaster* [stem changed to Trichogaster- by Liem 1962:47 [ref. 20932], confirmed by Nelson 1976:291 [ref. 32838]; original stem Trichogastr- confirmed by Kottelat 2013b:448 [ref. 32989]]

Sphaerichthyinae Hoedeman 1948 in Hoedeman & de Jong 1947–58:X.59.21, p. 2 [ref. 19665] (subfamily) *Sphaerichthys*

Ctenopinae Hoedeman 1948 in Hoedeman & de Jong 1947–58:X.59.21, p. 2 [ref. 19665] (subfamily) *Ctenops*

Subfamily Osphroneminae van der Hoeven 1832

Osphromenidei van der Hoeven 1832:225 [ref. 5061] (family) *Osphronemus* [as *Osphromenus*, name must be corrected Article 32.5.3; corrected to Osphronemidae by Fowler 1905b:504 [ref. 1370], confirmed by Jordan 1923a:176 [ref. 2421], by Liem 1962:3 [ref. 20932], by Lindberg 1971:184 [ref. 27211] and by Nelson 1976:292 [ref. 32838]]

Subfamily Belontiinae Liem 1962

Belontiidae Myers & Storey 1956:11 [ref. 32831] (family) *Belontia* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Belontiidae Liem 1962:39 [ref. 20932] (family) *Belontia* [family name sometimes seen as Belontidae]

Family Helostomatidae Gill 1872

Helostoma Cope 1871:459 [ref. 920] (family-group name?) *Helostoma* [maybe intended as family-group name, not available]

Helostomidae Gill 1872:7 [ref. 26254] (family) *Helostoma* [corrected to Helostomatidae by Liem 1962:41 [ref. 20932], confirmed by Lindberg 1971:184 [ref. 27211], by Nelson 1976:292 [ref. 32838] and by Nelson 2006:438 [ref. 32486]]

Suborder Channoidei

Family Channidae Fowler 1934 (1831) Name in prevailing recent practice, Article 40.2

Ophiocephalidae Bonaparte 1831:158, 176 [ref.4978] (family) *Ophicephalus* [as *Ophiocephalus*, name must be corrected Article 32.5.3; also as subfamily Ophiocephalini; corrected to Ophicephalidae by Günther 1862b:62 [ref. 18216], confirmed by Vaillant 1902:13 [ref. 4490] and by Jordan 1923a:176 [ref. 2421]]

Labyrinthiformes Müller 1845:135 [ref. 32591] (family) *Ophicephalus* [also Müller 1846:201 [ref. 13283] and as Labyrinthici Müller 1845:102 [ref. 32591] and Müller 1846:131 [ref. 13283]; family name sometimes seen as Labyrinthicidae; no stem of the type genus, not available, Article 11.7.1.1]

Channidae Fowler 1934c:352 [ref. 1418] (family) *Channa* [Channidae used as valid by: Schultz with Stern 1948 [ref. 31938], Poll 1957, Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838],

Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Bonou & Teugels 1985 [ref. 26743], Daget, Gosse & Thys van den Audenaerde 1986 [ref. 6189], Ng & Lim 1991 [ref. 18920], Robins *et al.* 1991b [ref. 14238], Dhanze & Sen 1993 [ref. 24018], Nelson 1994 [ref. 26204], Springer & Raasch 1995:102 [ref. 25656], Eschmeyer 1998 [ref. 23416], Kottelat 2000b [ref. 25864], Paugy, Lévêque & Teugels 2003b [ref. 29208], Courtenay & Williams 2004 [ref. 27545], Springer & Johnson 2004 [ref. 33199], Nelson 2006 [ref. 32486], Stiassny, Teugels & Hopkins 2007b [ref. 30010], Britz 2008 [ref. 29386], Geetakumari &Vishwanath 2011 [ref. 31586], Britz 2013 [ref. 32966]; replacement name in prevailing recent practice, Article 40.2]

Suborder Caproidei

Family Caproidae Bonaparte 1835

Caproidini Bonaparte 1835:[10] [ref. 32242] (subfamily) *Capros* [genus inferred from the stem, Article 11.7.1.1; stem corrected to Capro- by Bonaparte 1850b [ref. 32551], confirmed by Gill 1885a:209 [ref. 1653] and by Jordan 1923a:204 [ref. 2421]; family name sometimes seen as Capronidae or as subfamily Caprini]

Hypsinotoidei Bleeker 1859d:XIX [ref. 371] (family) *Hypsinotus*

Antigoniinae Jordan & Evermann 1898a:1663 [ref. 2444] (subfamily) *Antigonia*

Caprophonidae McCulloch 1929–30:136 [ref. 2948] (family) *Caprophonus*

Order Pleuronectiformes

Family Psettodidae Regan 1910

Psettodidae Regan 1910:491 [ref. 26827] (family) *Psettodes*

Family Citharidae de Buen 1935

Citharidae de Buen 1935a:82 [ref. 33085] (family) *Citharus* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid by Hubbs 1945:6 [ref. 26824], Hubbs & Hubbs 1945:243 [ref. 32639] and Hubbs 1946:97 [ref. 32857] Article 13.2.1]

Brachypleurinae Chabanaud 1937:23 [ref. 793] (subfamily) *Brachypleura*

Eucitharidae Springer 1982:34 [ref. 33086] (family) *Eucitharus* [published after 1960 as a junior synonym; not available, Article 11.6.3]

Family Scophthalmidae Chabanaud 1933 Name in prevailing recent practice, Article 35.5

Rhombini Bonaparte 1845:388 [ref. 32998] (subfamily) *Rhombus* Cuvier [genus inferred from the stem, Article 11.7.1.1; senior objective synonym of Scophthalmidae Chabanaud 1933, Rhombinae used by Kyle after 1899]

Psettini Bonaparte 1846:6, 49 [ref. 519] (subfamily) *Psetta*

Scophthalmidae Chabanaud 1933:5, 70 [ref. 787] (family) *Scophthalmus* [also as subfamily Scophthalminae; junior objective synonym of Rhombinae Bonaparte 1845, but Scophthalmidae in prevailing recent practice; family-group name used as valid by: Schultz with Stern 1948 [ref. 31938], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Whitehead *et al.* (1986b) [ref. 13677], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991b [ref. 14238], Chapleau 1993 [ref. 26822], Nelson 1994 [ref. 26204], Springer & Raasch 1995:106 [ref. 25656], Eschmeyer 1998 [ref. 23416], Munroe 2003 [ref. 27118], Nelson *et al.* 2004 [ref. 27807], Nelson 2006 [ref. 32486], Bailly & Chanet 2010 [ref. 31030]]

Lepidorhombinae Chanet 2003:281 [ref. 27526] (subfamily) *Lepidorhombus* [also as tribe Lepidorhombini; not published according to the rules, not available]

Phrynorhombini Chanet 2003:281 [ref. 27526] (tribe) *Phrynohombus* [not published according to the rules, not available]

Family Paralichthyidae Regan 1910

Hippoglosso-rhombinae Kyle 1900:352, 354 [ref. 33087] (subfamily) ? *Paralichthys* [no stem of one type genus, not available]

Paralichthinae Regan 1910:492 [ref. 26827] (subfamily) *Paralichthys* [stem corrected to Paralichthy- by Jordan 1923a:168 [ref. 2421], confirmed by Chabanaud 1933:5 [ref. 787], by Myers & Storey 1956:22 [ref. 32831], by Lindberg 1971:198 [ref. 27211] and by Nelson 1976:298 [ref. 32838]]

Etropinae von Bonde 1922:5, 8 [ref. 520] (subfamily) *Etropus*

Tephrinectidae Desoutter *et al.* 2001:299 [ref. 25922] (family) *Tephrinectus* [name only; bibliographic reference to the description by Hoshino & Amaoka 1998 [ref. 23353], but not explicitly marked as new; not available]

Tephrinectidae Chanet 2003:276 [ref. 27526] (family) *Tephrinectus* [not published according to the rules, not available]

Tephrinectidae Kottelat 2013b:463 [ref. 32989] (family) *Tephrinectus* [not published according to the rules, not available]

Family Bothidae Smitt 1892

Bothina Smitt 1892–95:425 [ref. 4146] (subfamily) *Bothus* [on page 371 as Heterosomata bothina]

Pelecanichthyinae Jordan & Evermann 1898b:2603 [ref. 2445] (subfamily) *Pelecanichthys* [genus inferred from the stem, Article 11.7.1.1]

Platophrinae Regan 1910:493 [ref. 26827] (subfamily) *Platophrys* [Weber & de Beaufort 1929:98 [ref. 16063] used Platophrynae]

Arnoglossinae Chabanaud 1933:26 [ref. 787] (subfamily) *Arnoglossus*

Taeniopsettinae Amaoka 1969:113, 115 [51] [ref. 105] (subfamily) *Taeniopsetta*

Family Achiropsettidae Heemstra 1990

Achiropsettidae Evseenko 1984:717 [ref. 5978] (family) *Pseudomancopsetta* [no stem of the type genus, not available, Article 11.7.1.1, see discussion in Heemstra 1990b:408 [ref. 21682]]

Achiropsettidae Heemstra 1990b:408 [ref. 21682] (family) *Achiropsetta*

Family Pleuronectidae Rafinesque 1815

Subfamily Poecilopsettinae Norman 1934

Poecilopsettinae Norman 1934:282, 387 [ref. 6893] (subfamily) *Poecilopsetta*

Subfamily Rhombosoleinae Regan 1910 Name in prevailing recent practice

Oncopterinae Jordan & Goss 1889:226, 233 [ref. 2482] (subfamily) *Oncopterus* [name used by Kyle 1900:360 [ref. 33087]]

Solei-pleuronectinae Kyle 1900:360 [ref. 33087] (subfamily) ? *Rhombosolea* [no stem of one type genus, not available]

Rhombosoleinae Kyle 1900:360 [ref. 33087] (subfamily) *Rhombosolea* [name declared not appropriate, not available]

Rhombosoleinae Regan 1910:495 [ref. 26827] (subfamily) *Rhombosolea* [Rhombosoleinae used as valid by: Schultz with Stern 1948 [ref. 31938], Nelson 1976 [ref. 32838], Shiino 1976, Nelson 1984 [ref. 13596], Sakamoto 1984 [ref. 5273], Chapleau 1993 [ref. 26822], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Evseenko 2004 [ref. 27606], Nelson 2006 [ref. 32486]]

Subfamily Pleuronectinae Rafinesque 1815

Hétérosomes Duméril 1805:132 [ref. 1151] (family) ? *Pleuronectes* [latinized to Heterosomi by Jarocki 1822:133, 284 [ref. 4984]; no stem of the type genus, not available, Article 11.7.1.1]

Pleronetti Rafinesque 1810b:14 [ref. 3595] (ordine) ? *Pleuronectes* [published not in latinized form before 1900; not available, Article 11.7.2]

Pleuronectia Rafinesque 1815:83 [ref. 3584] (family) *Pleuronectes* [senior objective synonym of Platessoideae Richardson 1836; family name sometimes seen as Pleuronectiidae]

Diplochiria Rafinesque 1815:83 [ref. 3584] (subfamily) ? *Pleuronectes* [no stem of the type genus, not available, Article 11.7.1.1]

Poissons plats Cuvier 1816:218 [ref. 993] (family) *Pleuronectes* [no stem of the type genus, not available, Article 11.7.1.1]

Leptosomata Goldfuss 1820:VIII, 72 [ref. 1829] (family) ? *Pleuronectes* [no stem of the type genus, not available, Article 11.7.1.1]

Diprosopa Latreille 1825:126 [ref. 31889] (family) *Platessa* [no stem of the type genus, not available, Article 11.7.1.1]

Asymmetrici Minding 1832:VI, 89 [ref. 3022] (family) ? *Pleuronectes* [no stem of the type genus, not available, Article 11.7.1.1]

Platessoideae Richardson 1836:255 [ref. 3731] (family) *Platessa* [junior objective synonym of Pleuronectia

Rafinesque 1815, invalid, Article 61.3.2]
Hippoglossinae Gill 1864d:196, 197 [ref. 1701] (subfamily) *Hippoglossus*
Eopsettinae Cooper & Chapleau 1998:696, 706 [ref. 26711] (subfamily) *Eopsetta*
Lyopsettinae Cooper & Chapleau 1998:696, 706 [ref. 26711] (subfamily) *Lyopsetta*
Hippoglossoidinae Cooper & Chapleau 1998:696, 706 [ref. 26711] (subfamily) *Hippoglossoides*
Psettichthyini Cooper & Chapleau 1998:708 [ref. 26711] (tribe) *Psettichthys*
Isopsettini Cooper & Chapleau 1998:709 [ref. 26711] (tribe) *Isopsetta*
Microstomini Cooper & Chapleau 1998:709 [ref. 26711] (tribe) *Microstomus* [the stem Microstom- has already been used incorrectly for Microstomatinae / Microstomatidae]
Subfamily Paralichthodinae Regan 1920
Paralichthodidae Regan 1920:205, 213 [ref. 3671] (family) *Paralichthodes*
Family Samaridae Jordan & Goss 1889
Samarinae Jordan & Goss 1889:226, 229 [ref. 2482] (subfamily) *Samaris*
Family Achiridae Rafinesque 1815
Aghirini Rafinesque 1810b:13 [ref. 3595] (ordine) ? *Achirus* [genus inferrable from the stem?; published not in latinized form before 1900; not available, Article 11.7.2]
Achiria Rafinesque 1815:83 [ref. 3584] (subfamily) *Achirus*
Gymnachirinae Jordan 1923b:3, 4 [ref. 10539] (subfamily) *Gymnachirus*
Apionichthyinae Jordan 1923b:4, 11 [ref. 10539] (subfamily) *Apionichthys*
Trinectinae Chabanaud 1930b:265 [ref. 32640] (subfamily) *Trinectes*
Family Soleidae Bonaparte 1833
Soleini Bonaparte 1833: Fasc. 4, puntata 22 [ref. 516] (subfamily) *Solea*
Synapturniae [Synapturinae] Jordan & Starks 1906:227 [ref. 2532] (subfamily) *Synaptura* [von Bonde 1922:21 [ref. 520] also used Synapturniae; stem corrected to Synaptur- by Jordan 1923a:170 [ref. 2421], confirmed by Chabanaud 1927:2 [ref. 782] and by Lindberg 1971:204 [ref. 27211]; senior objective synonym of Brachirinae Ogilby 1916]
Brachirinae Ogilby 1916:136 [ref. 3297] (subfamily) *Brachirus* Swainson [junior objective synonym of Synapturinae Jordan & Starks 1906, invalid, Article 61.3.2]
Heteromycterina Chabanaud 1930a:5, 20 [ref. 784] (section) *Heteromycteris*
Pardachirinae Chabanaud 1937:36 [ref. 793] (subfamily) *Pardachirus*
Aseraggodinae Ochiai 1959:154 [ref. 32996] (subfamily) *Aseraggodus* [unavailable publication]
Aseraggodinae Ochiai 1963:20 [ref. 7982] (subfamily) *Aseraggodus*
Family Cynoglossidae Jordan 1888
Subfamily Symphurinae Ochiai 1963 Name in prevailing recent practice
Plagiusini Bonaparte 1845:388 [ref. 32998] (subfamily) '*Plagiusa* Bonaparte' [genus inferred from the stem, Article 11.7.1.1; no valid type genus, not available, Article 11.7.1.1]
Bibroniidae Bonaparte 1846:6, 46 [ref. 519] (family) *Bibronia* [name never used as valid after 1899]
Plagiusini Bonaparte 1846:6, 51 [ref. 519] (subfamily) *Plagusia* Bonaparte [as *Plagiusa*, name must be corrected Article 32.5.3; changed to Plagusinae by Kaup 1858c:106 [ref. 2579]; stem corrected to Plagusi- by Bleeker 1859d:XV [ref. 371]; stem changed back to Plagus- by Poey 1867:209 [ref. 32247]; invalid, Article 39]
Symphuridae Myers & Storey 1956:25 [ref. 32831] (family) *Symphurus* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]
Symphuridae Ochiai 1963:99 [ref. 7982] (family) *Symphurus* [family-group name used as valid by: Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Menon 1977 [ref. 7071], Nelson 1984 [ref. 13596], Chapleau 1988 [ref. 13819], Chapleau 1993 [ref. 26822], Nelson 1994 [ref. 26204], Li & Wang 1995 [ref. 16193], Randall 1995 [ref. 22896], Eschmeyer 1998 [ref. 23416], Nelson 2006 [ref. 32486]]
Subfamily Cynoglossinae Jordan 1888
Cynoglossinae Jordan 1888:165 [ref. 2390] (subfamily) *Cynoglossus*

Order Tetraodontiformes

Family Triacanthodidae Gill 1862

Triacanthodinae Gill 1862k:235 [ref. 1664] (subfamily) *Triacanthodes*

Paratriacanthiformes Bleeker 1865b:9 [ref. 417] (subfamily) ? *Triacanthodes* [also Bleeker 1865–69:86 [ref. 416]; no stem of the type genus, not available, Article 11.7.1.1]

Halimochirurginae Fowler 1934a:364 [ref. 1416] (subfamily) *Halimochirurgus*

Hollardiinae Tyler 1968:62, 73 [ref. 6438] (subfamily) *Hollardia* [stem changed to Hollard- by Santini & Tyler 2003:603 [ref. 27547], confirmed by Nelson 2006:453 [ref. 32486]; correct stem is Hollardi-]

Family Triacanthidae Bleeker 1859

Triacanthoidei Bleeker 1859b:374 [ref. 16984] (family) *Triacanthus* [also Bleeker 1859d:XIV [ref. 371]]

Family Balistidae Rafinesque 1810

Balistini Rafinesque 1810b:41 [ref. 3595] (ordine) *Balistes* [latinized to Balistia by Rafinesque 1815:92 [ref. 3584] (subfamily); latinized to Balistidae by Bonaparte 1831:186 [ref. 4978] (family); considered valid with this authorship by Gill 1893b:137 [ref. 26255], by Patterson 1993:653 [ref. 32940] and by Sheiko 2013:135 [ref. 32944] Article 11.7.2]

Sclérodermes Cuvier 1816:149 [ref. 993] (family) *Balistes* [latinized to Sclerodermata by Schinz 1822:251 [ref. 3926] and by Minding 1832:V, 64 [ref. 3022]; latinized to Sclerodermi by Stark 1828:394 [ref. 4193]; latinized to Sclerodermatoidei by Agassiz in Spix & Agassiz 1829–31:137 [ref. 13]; no stem of the type genus, not available, Article 11.7.1.1]

Family Monacanthidae Nardo 1843

Monocanthini [Monacanthini] Nardo 1843:244 [ref. 31940] (subfamily) *Monacanthus* [stem corrected to Monacanth- by Bonaparte 1846:8 [ref. 519], confirmed by Gill 1893b:137 [ref. 26255], by Rutter 1897:80 [ref. 12329] and by Jordan 1923a:239 [ref. 2421]]

Aluterini Bleeker 1865b:13 [ref. 417] (phalanx ≈ tribe) *Aluteres* [also Bleeker 1865–69:100, 138 [ref. 416]; stem sometimes seen as Aleuter-]

Psilocephalini Bleeker 1865b:14 [ref. 417] (phalanx ≈ tribe) *Psilocephalus* [also Bleeker 1865–69:100, 143 [ref. 416]]

Anacanthidae McCulloch 1929–30:423 [ref. 2948] (family) *Anacanthus* Gray [preoccupied by Anacanthini Bonaparte 1835 in fishes, invalid, Article 55.3]

Family Aracanidae Hollard 1860

Aracaniens Hollard 1860:46 [ref. 31941] (tribe) *Aracana* [latinized to Aracaninae by Fraser-Brunner 1935:317 [ref. 1490] (subfamily); latinized to Aracanidae by Fraser-Brunner 1941:307 [ref. 13238] (family), confirmed by Lindberg 1971:206 [ref. 27211]; considered valid with this authorship by Fraser-Brunner 1941:307 [ref. 13238] and by Sheiko 2013:136 [ref. 32944] Article 11.7.2; changed to Acaranidae by Whitley 1961:68 [ref. 9391] based on *Acarana*]

Kentrocaprini Winterbottom & Tyler 1983:916 [ref. 5320] (tribe) *Kentrocapros*

Family Ostraciidae Rafinesque 1810

Ostéodermes Duméril 1805:108 [ref. 1151] (family) ? *Ostracion* [no stem of the type genus, not available, Article 11.7.1.1]

Ostracidi Rafinesque 1810b:39 [ref. 3595] (ordine) *Ostracion* [latinized to Ostracidia by Rafinesque 1815:90 [ref. 3584] (subfamily); latinized to Ostraciontini by Bonaparte 1835:[6] [ref. 32242] (subfamily), confirmed by Günther 1870:255 [ref. 1995]; stem changed to Ostracion- by Bonaparte 1846:8 [ref. 519]; stem corrected to Ostraci- by Jordan 1923a:240 [ref. 2421], confirmed by Steyskal 1980:175 [ref. 14191], by Nelson 1994:446 [ref. 26204] and by Nelson 2006:455 [ref. 32486]; considered valid with this authorship by Gill 1893b:138 [ref. 26255], by Patterson 1993:653 [ref. 32940] and by Sheiko 2013:136 [ref. 32944] Article 11.7.2]

Lactophrysinae Fraser-Brunner 1941:307 [ref. 13238] (subfamily) *Lactophrys* [genus inferred from the stem, Article 11.7.1.1]

Family Triodontidae Bleeker 1859

Loganiosomes Hollard 1857:326, 327 [ref. 2186] (family) ? *Triodon* [latinized to Loganiosomata by Kner 1867:404 [ref. 18426]; no stem of the type genus, not available, Article 11.7.1.1]

Triodontoidei Bleeker 1859d:XIV [ref. 371] (family) *Triodon*

Family Tetraodontidae Bonaparte 1831 Name in prevailing usage

? Odontini Rafinesque 1810b:40 [ref. 3595] (ordine) ? *Tetraodon* [as *Tetrodon*; no stem of the type genus,

not available, Article 11.7.1.1]

Orbidia Rafinesque 1815:90 [ref. 3584] (subfamily) *Orbidus* [senior objective synonym of Sphoeroidinae Fraser-Brunner 1943; family-group name not used as valid after 1899, Article 23.9.1.1]

Odopsia Rafinesque 1815:90 [ref. 3584] (subfamily) ? *Tetraodon* [as *Tetrodon*; no stem of the type genus, not available, Article 11.7.1.1]

Tetraodontidae Bonaparte 1831:163, 186 [ref. 4978] (family) *Tetraodon* [stem changed to Tetrodont- by Günther 1870:269, 270 [ref. 1995] based on *Tetrodon*; Tetraodontidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Poll 1957, Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Sterba 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Norman & Greenwood 1975, Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Daget, Gosse & Thys van den Audenaerde 1986 [ref. 6189], Smith & Heemstra 1986 [ref. 5715], Whitehead *et al.* (1986b) [ref. 13677], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Sterba 1990, Robins *et al.* 1991a [ref. 14237], Böhlke & Chaplin 1993, Allen & Robertson 1994 [ref. 22193], Nelson 1994 [ref. 26204], Eschmeyer 1998 [ref. 23416], Allen, Midgley & Allen 2002 [ref. 25930], Su & Li 2002 [ref. 28836], Paugy, Lévêque & Teugels 2003b [ref. 29208], Menezes *et al.* 2003 [ref. 27192], Reis *et al.* 2003 [ref. 27061], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Buckup, Menezes & Ghazzi 2007, Stiassny, Teugels & Hopkins 2007b [ref. 30010], Kimura, Satapoomin & Matsuura 2009 [ref. 30425], Allen & Erdmann 2012 [ref. 31980], Fierstine, Huddleston & Takeuchi 2012, so the family-group name Tetraodontidae is in prevailing usage, Article 23.9.1]

Sphérosomes Hollard 1857:327 [ref. 2186] (family) ? *Tetraodon* [latinized to Sphaerosomata by Kner 1867:404 [ref. 18426]; no stem of the type genus, not available, Article 11.7.1.1]

Physogastroidei Bleeker 1859d:XIV [ref. 371] (family) *Physogaster* Müller [genus inferred from the stem, Article 11.7.1.1; also Bleeker 1860b:14 [ref. 374]; invalid, Article 39]

Canthogastrini Bleeker 1865b:19 [ref. 417] (phalanx ≈ tribe) *Canthigaster* [also Bleeker 1865–69:49, 78 [ref. 416]; as *Canthogaster*, name must be corrected Article 32.5.3; stem changed to Canthigaster- by Gill 1892b:718 [ref. 32516], confirmed by Fraser-Brunner 1943:8 [ref. 1495], by Kamohara 1967:99, by Lindberg 1971:206 [ref. 27211] and by Nelson 1976:306 [ref. 32838]; stem Canthigastr- confirmed by Nelson 2006:457 [ref. 32486] and by Sheiko 2013:137 [ref. 32944]; senior objective synonym of Psilonotinae Gill 1877]

Xenopterinae Gill 1877a:792 [ref. 32641] (subfamily) *Xenopterus*

Psilonotinae Gill 1877a:792 [ref. 32641] (subfamily) *Psilonotus* Swainson [junior objective synonym of Canthigastrini Bleeker 1865, invalid, Article 61.3.2]

Colomesinae Gill 1884f:422 [ref. 1727] (subfamily) *Colomesus*

Chonerhinidae Gill 1884f:423 [ref. 1727] (family) *Chonerhinos* [genus inferred from the stem, Article 11.7.1.1; family name sometimes seen as Chonarhinidae]

Tropidichthyidae Jordan & Snyder 1901c:230, 254 [ref. 14759] (family) *Tropidichthys*

Hemiconiatinae Fowler 1936c:1104 [ref. 6546] (subfamily) *Hemiconiatus*

Lagocephalidae Fraser-Brunner 1943:7, 9 [ref. 1495] (family) *Lagocephalus*

Sphaeroidinae [Sphoeroidinae] Fraser-Brunner 1943:10 [ref. 1495] (subfamily) *Sphoeroides* [corrected to Sphoeroidinae by Tyler 1980:327 [ref. 4477]; junior objective synonym of Orbidia Rafinesque 1815, invalid, Article 61.3.2]

Arothroninae Fraser-Brunner 1943:12, 13, 15 [ref. 1495] (subfamily) *Arothron* [correct stem is Arothront- Sheiko 2013:137 [ref. 32944]]

Kandukidae Myers & Storey 1956:18 [ref. 32831] *Kanduka* [genus inferred from the stem, Article 11.7.1.1; unavailable publication]

Ovoidinae Whitley 1959:322 [ref. 4729] (subfamily) *Ovoides*

Family Diodontidae Bonaparte 1835

? Odontini Rafinesque 1810b:40 [ref. 3595] (ordine) ? *Diodon* [no stem of the type genus, not available, Article 11.7.1.1]

? Gymnodontes Cuvier 1816:145 [ref. 993] (family) ? *Diodon* [latinized to Gymnodontes by Schinz

1822:245 [ref. 3926] and by Minding 1832:V, 121 [ref. 3022]; latinized to Gymnodontei by Eichwald 1831:63 [ref. 5562]; latinized to Gymnodontidae by Lowe 1838:193 [ref. 2831] and Lowe 1839:90 [ref. 2829]; Adams in Adams, Baikie & Barron 1854:95 [ref. 31954] used Gynmodontidae; no stem of the type genus, not available, Article 11.7.1.1]

? Microstomata Goldfuss 1820:IX, 99 [ref. 1829] (family) ? *Gnathodon* [no stem of the type genus, not available, Article 11.7.1.1]

? Plectognathi Jarocki 1822:401, 411 [ref. 4984] (family) ? *Diodon* [no stem of the type genus, not available, Article 11.7.1.1]

Diodontini Bonaparte 1835:[4] [ref. 32242] (subfamily) *Diodon* [genus inferred from the stem, Article 11.7.1.1]

Trirhizacanthini Bleeker 1865b:17 [ref. 417] (phalanx ≈ tribe) ? *Chilomycterus* [also Bleeker 1865–69:49 [ref. 416]; no stem of the type genus, not available, Article 11.7.1.1]

Dirhizacanthini Bleeker 1865b:17 [ref. 417] (phalanx ≈ tribe) ? *Atopomycterus* [also Bleeker 1865–69:49 [ref. 416]; no stem of the type genus, not available, Article 11.7.1.1]

Family Molidae Bonaparte 1835 Name in prevailing recent practice

Orthragoriscidae Bonaparte 1835:[7] [ref. 32242] (family) *Orthragoriscus* [genus inferred from the stem, Article 11.7.1.1; Bonaparte 1850b [ref. 32551] used Orthagoriscidae based on *Orthagoriscus*; senior objective synonym of Molini Bonaparte 1835; name never used as valid after 1899]

Molini Bonaparte 1835:[7] [ref. 32242] (subfamily) *Mola* [genus inferred from the stem, Article 11.7.1.1; junior objective synonym of Orthragoriscidae Bonaparte 1835, but in prevailing recent practice; Molidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Bailey *et al.* 1960 [ref. 27285], Lagler, Bardach & Miller 1962, Greenwood, Rosen, Weitzman & Myers 1966 [ref. 26856], Kamohara 1967, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Norman & Greenwood 1975, Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Whitehead *et al.* (1986b) [ref. 13677], McAllister 1990 [ref. 14674], Quéro *et al.* 1990 [ref. 15946], Robins *et al.* 1991a [ref. 14237], Nelson 1994 [ref. 26204], Springer & Raasch 1995:105 [ref. 25656], Eschmeyer 1998 [ref. 23416], Su & Li 2002 [ref. 28836], Menezes *et al.* 2003 [ref. 27192], Nelson *et al.* 2004 [ref. 27807], Hoese *et al.* 2006, Nelson 2006 [ref. 32486], Allen & Erdmann 2012 [ref. 31980], Fierstine, Huddleston & Takeuchi 2012]

Cephalinae Swainson 1838:192, 199, 200 [ref. 4302] (subfamily) *Cephalus* Shaw [also Swainson 1839:195, 329 [ref. 4303]]

Ellipsosomes Hollard 1857:326, 327 [ref. 2186] (family) ? *Orthragoriscus* [latinized to Ellipsosomata by Kner 1867:404 [ref. 18426]; no stem of the type genus, not available, Article 11.7.1.1]

Molacanthinae Gill 1861a:57 [ref. 1766] (subfamily) *Molacanthus*

Ranzaniinae Jordan & Evermann 1898a:1752 [ref. 2444] (subfamily) *Ranzania* [stem changed to Ranzan- by Le Danois 1955:1934 [ref. 32645]]

? Triuridae Whitley 1954a:62 [ref. 4720] (family) *Triurus* Lacepède [or in Alepocephalidae?]

Class Coelacanthi

Order Coelacanthiformes

Family Latimeriidae Berg 1940

Latimeriidae Berg 1940:51 [158, 391] [ref. 5049] (family) *Latimeria*

Class Dipneusti

Order Ceratodontiformes

Family Neoceratodontidae Schultz 1948

Neoceratodontidae Schultz in Schultz with Stern 1948:227 [ref. 31938] (family) *Neoceratodus* [genus inferred from the stem, Article 11.7.1.1; name only, but used as valid by Miles 1977:308 [ref. 32643] Article 13.2.1]

Order Lepidosireniformes

Family Lepidosirenidae Bonaparte 1841 Name in prevailing recent practice

Amphibichthyidae Hogg 1841:362 [ref. 2183] (family) *Amphibichthys* [senior objective synonym of Lepidosirenidi Bonaparte 1841, but not used as valid after 1899]

Lepidosirenidi Bonaparte 1841:introduzione [10] [ref. 515] (family) *Lepidosiren* [junior objective synonym of Amphibichthyidae Hogg 1841, but Lepidosirenidae in prevailing recent practice; Lepidosirenidae used as valid by: Jordan 1923 [ref. 2421], Schultz with Stern 1948 [ref. 31938], Bertin & Arambourg 1958, Lagler, Bardach & Miller 1962, McAllister 1968 [ref. 26854], Lindberg 1971 [ref. 27211], Nelson 1976 [ref. 32838], Shiino 1976, Lagler, Bardach, Miller & May Passino 1977, Nelson 1984 [ref. 13596], Sterba 1990, Robins *et al.* 1991b [ref. 14238], Nelson 1994 [ref. 26204], Springer & Raasch 1995:104 [ref. 25656], Eschmeyer 1998 [ref. 23416], Reis *et al.* 2003 [ref. 27061], Nelson 2006 [ref. 32486], Buckup, Menezes & Ghazzi 2007]

? Pneumoïchthyi van der Hoeven 1855:417 [ref. 2182] (family) ? *Lepidosiren* [no stem of the type genus, not available, Article 11.7.1.1]

Family Protopteridae Peters 1855

Sirenoidei Müller 1846:201 [ref. 13283] (family) ? *Protopterus* [no stem of the type genus, not available, Article 11.7.1.1]

Protopteri Peters 1855:234 [ref. 13448] (family) *Protopterus*

Acknowledgements

We would like to thank the following persons for their help and information: Gerald Allen, Nicolas Bailly, Andrey Balanov, Evgeny Barabanchichkov, Marie-Louise Bauchot, Ricardo Betancur-R., John Briggs, Paulo Buckup, George Burgess, Kent Carpenter, Dave Catania, Chen Xiao-Yong, Bruce Collette, Rongfeng Cui, Rich Eakin, Joe Eastman, Jon Fong, Thomas Fraser, Tom Geerinckx, Ali Gholamifard, Dani Golani, Martin Gomon, David Greenfield, Jesse Grosso, Elaine Heemstra, Hans Ho, Mysi Hoang, Jean Huber, Jean-Claude Hureau, Tomio Iwamoto, Yuk Iwatsuki, Seishi Kimura, Stas Kobyliansky, Alexander Kotlyar, Maurice Kottelat, Bernd Kramer, Sam Lalronunga, Helen Larson, Peter Last, Sébastien Lavoué, Robert Lea, Jeff Leis, James Lichatowich, Thomas Litz, Yumnam Lokeshwor, Hernan López-Fernández, Carlos Alberto Santos de Lucena, Nathan Lujan, John Lundberg, James Maclaine, John McCosker, Mark McGrouther, Sandro Minelli, Hiro Motomura, Prachya Musikasinthorn, Brett Nagle, Rekha Nair, Tetsuji Nakabo, Douglas Nelson, André Luiz Netto-Ferreira, David Nicolson, Jørgen Nielsen, Dirk Nolf, Martien van Oijen, Makoto Okamoto, Alex Orlov, Guillermo Orti, Hans-Joachim Paepke, Larry Page, Sabine Petri, Ted Pietsch, William Poly, Stuart Poss, Jack Randall, Ross Robertson, Rob Robins, Evgeny Romanov, Barry Russell, Ingo Schindler, Erwin Schraml, Werner Schwarzhans, Bernard Séret, Ricardo Serrao Santos, David Smith, Bill Smith-Vaniz, Ron Watson, William White, Jeff Williams, Peter Wirtz. We are grateful to our reviewers, especially Bill Smith-Vaniz, for their valuable suggestions to the manuscript. Special thanks to Larry Page for his excellent help to improve the text. Also we would like to thank all contributors to the *Biodiversity Heritage Library* in making our task to check the literature a little easier. This study was partially facilitated by financial support from the World Register of Marine Species (WoRMS) and the Florida Museum of Natural History.

References

Aarn [no initial] & Ivantsoff, W. (1996) Descriptive anatomy of *Rhadinocentrus ornatus* (Osteichthyes, Melanotaeniidae). *Ichthyological Exploration of Freshwaters*, 7 (1), 41–58. [ref. 22302]

Aarn & Ivantsoff, W. (1997) Descriptive anatomy of *Cairnsichthys rhombosomoides* and *Iriatherina werneri* (Teleostei: Atheriniformes), and a phylogenetic analysis of Melanotaeniidae. *Ichthyological Exploration of Freshwaters*, 8 (2), 107–150. [October, ref. 23322]

Aarn & Ivantsoff, W. (2009) Description of a new subfamily, genus and species of a freshwater atherinid, *Bleheratherina pierucciae* (Pisces: Atherinidae) from New Caledonia. *aqua, International Journal of Ichthyology*, 15 (1), 1–24. [24 January, ref. 30025]

Abbott, J.F. (1901) List of fishes collected in the River Pei-Ho, at Tien-Tsin, China, by Noah Fields Drake, with descriptions of seven new species. *Proceedings of the United States National Museum*, 23 (1221), 483–491. [25 February, ref. 2] http://dx.doi.org/10.5479/si.00963801.23-1221.483

Abraham, K.J., Joshi, K.K. & Murty, V.S.R. (2011) Taxonomy of the fishes of the family Leiognathidae (Pisces, Teleostei) from the west coast of India. *Zootaxa*, 2886, 1–18. [23 May, ref. 31311]

Abramov, A.A. (1987) A new *Epigonus* species (Perciformes, Epigonidae) from the southern Pacific. *Voprosy Ikhtiologii*, 27 (6), 1010–1013. [in Russian, English translation 1988 in *Journal of Ichthyology*, 28 (3), 102–106] [ref. 13520]

Acero P., A. & Betancur-R, R. (2007) Monophyly, affinities, and subfamilial clades of sea catfishes (Siluriformes: Ariidae). *Ichthyological Exploration of Freshwaters*. 18 (2), 133–143. [ref. 29200]

Adams, A., Baikie, W.B. & Barron, C. (1854) *A manual of natural history, for the use of travellers; being a description of the animal and vegetable kingdoms*. John Van Voorst, London, viii + 776 pp. [Pisces pp. 86–111. Also seen as 749 pp.] [ref. 31954]

Agassiz, L. (1833–43) *Recherches sur les poissons fossiles*. Neuchâtel, Switzerland, 5 vols. with atlas. [ref. 13390]
http://dx.doi.org/10.5962/bhl.title.4275

Agassiz, L. (1850) *Lake Superior: its physical character, vegetation, and animals, compared with those of other and similar regions. By Louis Agassiz. With a narrative of the tour, by J. Elliot Cabot. And contributions by other scientific gentlemen*. Gould, Kendall and Lincoln, Boston, x + 428 pp., frontispiece + 16 Pls. [Fishes treated in Chapter VI, pp. 246–377] [14 May, ref. 66]
http://dx.doi.org/10.5962/bhl.title.29144

Agassiz, L. (1853) Extraordinary fishes from California, constituting a new family, described by L. Agassiz. *American Journal of Science and Arts,* Series 2, 16 (48), 380–390. [also as a separate, "On fishes from California, etc." pp. 1–12] [November, ref. 68]

Agassiz, L. (1854) Additional notes on the Holconoti. *American Journal of Science and Arts*, Series 2, 17, 365–369. [May, ref. 70]

Agassiz, L. (1855) Art. XII. Synopsis of the ichthyological fauna of the Pacific slope of North America, chiefly from the collections made by the United States Exploration Expedition under the command of Captain C. Wilkes, with recent additions and comparisons with eastern types. *American Journal of Science and Arts*, Series 2, 19 (55), 71–99. [also as a separate pp. 1–46] [January, ref. 71]

Agassiz, L. (1858) A new species of skate from the Sandwich Islands. *Proceedings of the Boston Society of Natural History*, 6 (1856–1859), 385. [October, ref. 73]

Akazaki, M. (1961) Results of the Amami Islands expedition 4 on a new sparoid fish, *Gymnocranius japonicus* with special reference to its taxonomic status. *Copeia*, 1961 (4), 437–441. [22 December, ref. 6600]
http://dx.doi.org/10.2307/1439586

Akazaki, M. (1962) *Studies on the spariform fishes – anatomy, phylogeny, ecology and taxonomy*. Kosugi Co. Ltd., Osaka, Japan, 368 pp. [in Japanese, English summary on pp. 328–368, including new species descriptions] [31 March, ref. 5771]

Akazaki, M. & Iwatsuki, Y. (1986) Generic relationships in four subfamilies of the Lutjanidae. *In:* Uyeno, T., Hakubutsukan, T.K., Hakubutsukan, K.K. & Gakkai, N.G. (Editors), *Indo-Pacific fish biology, proceedings of the Second International Conference on Indo-Pacific Fishes, conducted at the Tokyo National Museum Ueno Park, Tokyo, July 29 – August 3, 1985*. Ichthyological Society of Japan, pp. 600–601. [30 May, ref. 6316]

Akhilest, K.V., Baneesh, K.K., Ganga, U. & Pillai, N.G.K. (2013) Report of velvet dogfish, *Zameus squamulosus* (Günther, 1887) (Somniosidae, Squaliformes) from Indian waters. *Indian Journal of Fisheries*, 60 (3), 127–129. [ref. 33120]

Albert, J.S. (2001) (1 November) Species diversity and phylogenetic systematics of American knifefishes (Gymnotiformes, Teleostei). *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 190: i–vi+ 1–127. [ref. 25614]

Albert, J.S. & Crampton, W.G.R. (2009) A new species of electric knifefish, genus *Compsaraia* (Gymnotiformes, Apteronotidae) from the Amazon River, with extreme sexual dimorphism in snout and jaw length. *Systematics and Biodiversity*, 7 (1), 81–92. [22 February, ref. 30049]
http://dx.doi.org/10.1017/s1477200008002934

Alcock, A. (1896) Natural history notes from H. M. Indian marine survey steamer `Investigator', Commander C.F. Oldham, R. N. commanding. Series II. No. 23. A supplementary list of the marine fishes of India, with descriptions of two new genera and eight new species. *Journal of the Asiatic Society of Bengal (Part II Natural Science)*, 65 (3), 301–338. [also as a separate, pp. 1–38, with dual pagination] [ref. 91]

Ali, A., Jawad, L.A. & Sheikh, A. (2009) First record of *Neoharriotta pinnata* (Condrichthys, Rhinochimaeridae) and second record of *Satyrichthys adeni* (Osteichthyes, Peristediidae) from the Gulf of Aden, Republic of Yemen. *Marine Biodiversity Records*, 2, 1–4. [ref. 30665]
http://dx.doi.org/10.1017/s1755267209990972

Allen, G.R. (1975) *Damselfishes of the South Seas*. Tropical Fish Hobbyist Publications, Neptune City, New Jersey, 240 pp. [ref. 97]

Allen, G.R. (1978) The rainbowfishes of northwestern Australia (family Melanotaeniidae). *Tropical Fish Hobbyist*, 26 (10), 91–102. [June, ref. 8855]

Allen, G.R. (1980) A generic classification of the rainbowfishes (family Melanotaeniidae). *Records of the Western Australian Museum*, 8 (3), 449–490. [ref. 99]

Allen, G.R. (1986) Lutjanidae. *In*: Daget, J., Gosse, J.-P. & Thys van den Audenaerde, D.F.E. (Editors), *Check-list of the freshwater fishes of Africa (Catalogue des poissons d'eau douce d'Afrique), CLOFFA Volume 2*. ISNB Bruxelles / MRAC Tervuren / ORSTOM Paris, pp. 323–324. [April, ref. 6208]

Allen, G.R. (1995) *Lutjanus rufolineatus*, a valid species of snapper (Pisces, Lutjanidae) with notes on a closely allied species, *Lutjanus boutton*. *Revue française d'Aquariologie Herpétologie*, 22 (1/2), 11–13. [30 June, ref. 21857]
Allen, G.R. & Cross, N.J. (1980) Descriptions of five new rainbowfishes (Melanotaeniidae) from New Guinea. *Records of the Western Australian Museum*, 8 (3), 377–396. [30 June, ref. 8761]
Allen, G.R., Erdmann, M.V. (2008) *Pseudanthias charleneae*, a new basslet (Serranidae, Anthiinae) from Indonesia. *aqua, International Journal of Ichthyology*, 13 (3/4), 139–144. [23 January, ref. 29480]
Allen, G.R. & Erdmann, M.V. (2012) *Reef fishes of the East Indies, Volumes I–III*. Tropical Reef Research, Perth, Australia, 1260 pp. [I: i–x + 1–424 + end note; II: 425–855; III: preface, map, contents and 857–1260; including Appendix 1 (new species descriptions) and Appendix II (addendum)] [March, ref. 31980]
Allen, G.R. & Hadiaty, R.K. (2013) *Melanotaenia sneideri*, a new species of rainbowfish (Melanotaeniidae), from West Papua Province, Indonesia. *aqua, International Journal of Ichthyology*, 19 (3), 137–146. [19 July, ref. 32792]
Allen, G.R. & Ivantsoff, W. (1982) *Pseudomugil mellis*, le honey blue-eye, une nouvelle espèce de poisson arc-en-ciel (Melanotaeniidae) d'Australie orientale. *Revue française d'Aquariologie Herpétologie*, 9 (3), 83–86. [27 December, ref. 8519]
Allen, G.R. & Kailola, P.J. (1979) *Glossolepis wanamensis*, a new species of freshwater rainbowfish (Melanotaeniidae) from New Guinea. *Revue française d'Aquariologie Herpétologie*, 6 (2), 39–44. [20 July, ref. 8854]
Allen, G.R., Midgley, H. & Allen, M. (2002) *Field guide to the freshwater fishes of Australia*. Western Australian Museum, Perth, xiv + 394 pp. [ref. 25930]
Allen, G.R. & Moore, R. (1981) *Pseudomugil paludicola*, a new species of freshwater blue-eye (Melanotaeniidae) from Papua New Guinea. *Revue française d'Aquariologie Herpétologie*, 7 (4) (for 1980), 105–108. [1 March, ref. 8633]
Allen, G.R. & Renyaan, S.J. (1996) Three new species of rainbowfishes (Melanotaeniidae) from the Triton Lakes, Irian Jaya, New Guinea. *aqua, Journal of Ichthyology and Aquatic Biology*, 2 (2), 13–24. [June, ref. 22190]
Allen, G.R. & Robertson, D.R. (1994) *Fishes of the tropical eastern Pacific*. Crawford House Press, Bathurst, xx + 332 pp. [ref. 22193]
Allen, G.R. & Sarti, N. (1983)] *Pseudomugil cyanodorsalis*, une nouvelle espèce de blue-eye (Melanotaeniidae) d'Australie nord-occidentale. *Revue française d'Aquariologie Herpétologie*, 10 (2), 47–50. [1 September, ref. 5354
Allen, G.R. & Talbot, F.H. (1985) Review of the snappers of the genus *Lutjanus* (Pisces, Lutjanidae) from the Indo-Pacific, with the description of a new species. *Indo-Pacific Fishes*, 11, 1–87. [October, ref. 6491]
Allen, G.R. & Unmack, P.J. (2008) A new species of rainbowfish (Melanotaeniidae, *Melanotaenia*), from Batanta Island, western New Guinea. *aqua, International Journal of Ichthyology*, 13 (3/4), 109–120. [23 January, ref. 29477]
Allen, G.R., White, W.T. & Erdmann, M.V. (2013) Two new species of snappers (Pisces, Lutjanidae, *Lutjanus*) from the Indo-West Pacific. *Journal of the Ocean Science Foundation*, 6, 33–51. [ref. 32521]
Allgayer, R. (1989) Révision et redescription du genre *Theraps* Günther 1862. Description de deux espèces nouvelles du Mexique (Pisces, Perciformes, Cichlidae). *Revue française des Cichlidophiles*, 10 (90), 430. [ref. 20696]
Allgayer, R. (2001) Description d'un genre nouveau, *Cryptoheros*, d'Amerique central et d'une espèce nouvelle du Panama (Pisces: Cichlidae). *L'an Cichlidé*, 1, 13–20. [ref. 26904]
Alonso-Zarazaga, M.A. (2005) Nomenclature of higher taxa: a new approach. *Bulletin of Zoological Nomenclature*, 62 (4), 189-199.
Álvarez, J. (1952) Dicerophallini, nueva tribu de Poeciliidae de Chiapas (Pisc., Cyprinodont.). *Ciencia (Mexico City)*, 12 (3/4), 95–97. [15 August, ref. 102]
Amaoka, K. (1969) Studies on the sinistral flounders found in the waters around Japan, taxonomy, anatomy and phylogeny. *Journal of the Shimonoseki University of Fisheries*, 18 (2), 65–340. [also paginated as 1–276] [November, ref. 105]
Ancona López, A.A. (1956) Ocorrencia de *Carapus* Raf. (=*Fierasfer* Oken) no Brasil (Teleostei: Carapidae). *Papéis Avulsos do Departmento de Zoologa*, *Secretaría da Agricultura, Indústria e Comércio*, 12 (20), 389–398. [31 January, ref. 12209]
Andersen, N.C. & Hureau, J.-C. (1979) Proposition pour une nouvelle classification des Nototheniinae (Pisces, Perciformes, Nototheniidae). *Cybium*, Sér. 3 (6), 47–53. [ref. 32631]
Anderson, M.E. (1982) Revision of the fish genera *Gymnelus* Reinhardt and *Gymnelopsis* Soldatov (Zoarcidae), with two new species and comparative osteology of *Gymnelus viridis*. *National Museum of Canada Publications in Zoology*, 17, i–iv + 1–76. [ref. 5520]
Anderson, M.E. (1984) Zoarcidae, development and relationships. *In:* Moser, H.G. (Chief Editor), *Ontogeny and systematics of fishes*. American Society of Ichthyologists and Herpetologists, Special Publication No. 1, pp. 578–582. [ref. 13634] http://dx.doi.org/10.5962/bhl.title.4434
Anderson, M.E. (1989) Review of the eelpout genus *Pachycara* Zugmayer, 1911 (Teleostei, Zoarcidae), with descriptions of six new species. *Proceedings of the California Academy of Sciences*, 46 (10), 221–242. [20 December, ref. 13487]
Anderson, M.E. (1994) Systematics and osteology of the Zoarcidae (Teleostei: Perciformes). *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology*, 60, 1–120. [8 September, ref. 21438]
Anderson, M.E. (2005) Description of a new species of *Echiodon* (Teleostei, Carapidae) from the South Atlantic Ocean. *Zootaxa*, 809, 1–5. [ref. 28024]
Anderson, M.E. & Heemstra, P.C. (2003) Review of the glassfishes (Perciformes: Ambassidae) of the western Indian Ocean. *Cybium*, 27 (3), 199–209. [30 September, ref. 27368]
Anderson, M.E. & Satria, F. (2007) A new subfamily, genus, and species of pearlfish (Teleostei: Ophidiiformes: Carapidae)

from deep water off Indonesia. *Species Diversity*, 12 (2), 73–82. [ref. 29406]
Anderson Jr., W.D. (1966) A new species of *Pristipomoides* (Pisces, Lutjanidae) from the tropical western Atlantic. *Bulletin of Marine Science*, 16 (4), 814–826. [December, ref. 7939]
Anderson Jr., W.D. & García-Moliner, G. (2012) A new species of *Odontanthias* Bleeker (Perciformes, Serranidae, Anthiinae) from Mona Passage off Puerto Rico, the first record of the genus from the Atlantic Ocean. *aqua, International Journal of Ichthyology*, 18 (1), 25–30. [15 January, ref. 31761]
Anderson Jr., W.D., Kailola, P.J. & Collette, B.B. (1992) Two new snappers (Teleostei, Lutjanidae, Apsilinae), *Paracaesio paragrapsimodon* Anderson and Kailola from the western Pacific and *P. waltervadi* Anderson and Collette from the western Indian Ocean. *Proceedings of the Biological Society of Washington*, 105 (3), 443–461. [15 October, ref. 20198]
Anderson Jr., W.D., Kami, H.T. & Johnson, G.D. (1977) A new genus of Pacific Etelinae (Pisces, Lutjanidae) with redescription of the type-species. *Proceedings of the Biological Society of Washington*, 90 (1), 89–98. [16 June, ref. 115]
Anderson Jr., W.D., Talwar, P.K. & Johnson, G.D. (1977) A replacement name for *Tangia* Chan (Pisces, Perciformes, Lutjanidae) with redescriptions of the genus and type-species. *Proceedings of the Biological Society of Washington*, 89 (44), 509–517. [24 January, ref. 116]
Andriashev, A.P. (1939) *Ocherk zoogeografii i proiskhozhdeniya fauny ryb Beringova morya i sopredel'nykh vod [Outline of zoogeography and origin of the fauna of fishes of the Bering Sea and adjacent waters / Essay on the zoogeography and origin of the fish fauna of the Bering Sea and adjacent waters]*. Izdanie Leningradskogo Gosudarstvenogo Universiteta, Leningrad, 187 pp. [dissertation Leningrad State University in Russian, English summary [pp. 181–185]. English translation by Merrivale, A., iv + 284 pp.] [after 26 April, ref. 27253]
Andriashev, A.P. (1954) [*Fishes of the northern seas of the U.S.S.R.*] Izvestija Akademii Nauk SSSR, Serija biologiceskaja, 566 pp. [in Russian; English translation 1964, Israel Program for Scientific Translation] [ref. 6547]
Andriashev, A.P. (1967) Obzor ryb-borodatok roda *Pogonophryne* Regan (Pisces, Harpagiferidae) s opisaniem pyati novykh vidov iz Vostochnoy Antarktiki i Yuzhnykh Orkneyskikh ostrovov [A review of the plunder fishes of the genus *Pogonophryne* Regan (Pisces, Harpagiferidae) with descriptions of five new species from the East Antarctic and South Orkney Islands]. Biological Results of the Soviet Antarctic Expedition (1955–1958) 3, *Issledovaniya fauny morey [Explorations of the Fauna of the Seas]*, *Zoological Institute Academy of Sciences of the U. S. S. R., Leningrad,* 4 (12), 389–412. [in Russian, a translation published by the National Science Foundation, pp. 399–425] [ref. 5205]
Andriashev, A.P. (1983) Podotryad Nototenievidnye [Notothenioidei]. *In:* Rass, T.S. (Editor), *Zhizn' zhivotnykh [Animal Life], 2nd edition, Volume 4 Pisces*. Prosveshchenie, Moscow, pp. 415–431. [in Russian] [ref. 32851]
Andriashev, A.P. & Neyelov, A.V. (1978) A new whiteblooded fish (*Chionobathyscus dewitti*, gen. et sp. n., fam. Channichthyidae) from the continental slope of the east Antarctic. *In:* Skarlato, O.A. (Editor), *Morphology and systematics of fish (Collection of scientific works)*, pp. 5–12. [in Russian] [ref. 123]
Annandale, N. (1918) Fish and fisheries of the Inlé Lake. *Records of the Indian Museum (Calcutta)*, 14, 33–64, Pls. 1–7. [9 May, ref. 127]
Applegate, S.P. (1974) A revision of the higher taxa of orectoloboids. *Journal of the Marine Biological Association of India*, 14 (2), 743–751. [ref. 31930]
Applegate, S.P., Espinosa, L., Menchaca, L.B. & Sotelo, F. (1979) *Tiburones mexicanos*. Subsecretaria de Educación e Investigación Technológica, Director General de Ciencias y Technological del Mar, México, 146 pp. [ref. 32832]
Armbruster, J.W. (2004) Phylogenetic relationships of the suckermouth armoured catfishes (Loricariidae) with emphasis on the Hypostominae and the Ancistrinae. *Zoological Journal of the Linnean Society*, 141 (1), 1–80. [4 May, ref. 27644] http://dx.doi.org/10.1111/j.1096-3642.2004.00109.x
Arnold, D.C. (1956) A systematic revision of the fishes of the teleost family Carapidae (Percomorphi, Blennioidea), with descriptions of two new species. *Bulletin of the British Museum (Natural History) Zoology*, 4 (6), 245–307. [23 November, ref. 5315]
Arratia, G. (1982) A review of freshwater percoids from South America (Pisces, Osteichthyes, Perciformes, Percichthyidae, and Perciliidae). *Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft*, 540, 1–52. [15 September, ref. 143]
Arunachalam, M., Raja, M., Mayden, R.L. & Chandran, A. (2013) *Olyra astrifera* a new species of olyrid catfish from the western Ghats, southern India (Teleostei, Bagridae, Olyrininae) and the designation of neotype, *Olyra longicaudata* McClelland, 1842 from north-eastern India. *International Journal of Zoology Research*, 3 (2), 51–60. [June, ref. 32806]
Asano, H. (1962) Studies on the congrid eels of Japan. *Bulletin of the Misaki Marine Biological Institute Kyoto University*, 1, 1–143. [March, ref. 33049]
Atz, J. (1971) *Dean bibliography of fishes 1968*. The American Museum of Natural History, New York, 512 pp.
Aurich, H. (1937) Die Phallostethiden (Unterordnung Phallostethoidea Myers). *Internationale Revue der Gesamten Hydrobiologie und Hydrographie, Leipzig*, 34 (3/5), 263–286. [ref. 151]
Azevedo, J.M.N., Sousa, F.L. & Brum, J.M.M. (2003) Dermal denticles and morphometrics of the sailfin roughshark *Oxynotus paradoxus* (Elasmobranchii, Oxynotidae), with comments on its geographic distribution. *Cybium*, 27 (2), 117–122. [ref. 27250]
Babu Rao, M. & Yazdani, G.M. (1978) Trends of evolution in the cyprinoid genera *Psilorhynchus* and *Parapsilorhynchus*. *Bulletin of the Zoological Survey of India*, 1 (2), 129–133. [ref. 16677]
Bagarinao, T. (1999) Family Chanidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries*

purposes. The living marine resources of the western central Pacific. Bony fishes part 1 (Elopidae to Linophrynidae), FAO, Rome, 3, pp. i–vi + 1398–2068, Pls. I-VII. [ref. 24730]

Bailey, R.M. (1980) Comments on the classification and nomenclature of lampreys - an alternative view. *Canadian Journal of Fisheries and Aquatic Sciences*, 37 (11), 1626–1629. [ref. 5253]
http://dx.doi.org/10.1139/f80-209

Bailey, R.M. & Baskin, J.N. (1976) *Scoloplax dicra*, a new armored catfish from the Bolivian Amazon. *Occasional Papers of the Museum of Zoology University of Michigan*, 674, 1–14. [1 September, ref. 161]

Bailey, R.M. & Gans, C. (1998) Two new synbranchid fishes, *Monopterus roseni* from Peninsular India and *M. desilvai* from Sri Lanka. *Occasional Papers of the Museum of Zoology University ofMichigan*, 726, 1–18. [24 April, ref. 23296]

Bailey, R.M., Lachner, E.A., Lindsey, C.C., Robins, C.R., Roedel, P.M., Scott, W.B. & Woods, L.P. (1960) A list of common and scientific names of fishes from the United States and Canada (second edition). American Fisheries Society Special Publication No. 2, ii + 102 pp. [ref. 27285]

Bailly, N. & Chanet, B. (2010) *Scophthalmus* Rafinesque, 1810, The valid generic name for the turbot, *S. maximus* (Linnaeus, 1758) (Pleuronectiformes, Scophthalmidae). *Cybium*, 34 (3), 257–261. [ref. 31030]

Bailly, N., Hureau, J.-C. & Pruvost, P. (1999) Catalogue critique des types de poissons du Muséum National d'Histoire Naturelle (et des Musées d'histoire naturelle en région) (Suite) Ordre des Gadiformes. *Cybium*, 23 (3), 219–245. [30 September, ref. 24244]

Baker, W.H., Blanton, R.E. & Johnston, C.E. (2013) Diversity within the redeye bass, *Micropterus coosae* (Perciformes, Centrarchidae) species group, with descriptions of four new species. *Zootaxa* 3635 (4), 379–401. [28 March, ref. 32561]
http://dx.doi.org/10.11646/zootaxa.3635.4.3

Balanov, A.A., Savinykh, V.F. (1999) Redescriptions of *Scopelosaurus harryi* and *S. adleri* (Notosudidae), two valid mesopelagic species inhabiting the northern part of the Pacific Ocean. *Voprosy Ikhtiologii*, 39 (5), 642–652. [in Russian, English translation in *Journal of Ichthyology*, 39 (8), 616–625] [ref. 24882]

Baldwin, C.C. & Johnson, G.D. (2014) Connectivity across the Caribbean Sea: DNA Barcoding and morphology unite an enigmatic fish larva from the Florida Straits with a new species of sea bass from deep reefs off Curaçao. *PLoS ONE*, 9 (5), 1–15. [13 May, ref. 33312]
http://dx.doi.org/10.1371/journal.pone.0097661

Baldwin, C.C. & Robertson, D.R. (2013) A new *Haptoclinus* blenny (Teleostei, Labrisomidae) from deep reefs off Curaçao, southern Caribbean, with comments on relationships of the genus. *ZooKeys*, 306, 71–81. [4 June, ref. 32721]
http://dx.doi.org/10.3897/zookeys.306.5198

Baldwin, C.C. & Robertson, D.R. (2014) A new *Liopropoma* sea bass (Serranidae, Epinephelinae, Liopropomini) from deep reefs off Curaçao, southern Caribbean, with comments on depth distributions of western Atlantic Liopropomins. *ZooKeys*, 409, 71–92. [13 May, ref. 33311]
http://dx.doi.org/10.3897/zookeys.409.7249

Baldwin, Z.H. (2005) A new species of bullhead shark, genus *Heterodontus* (Heterodontiformes, Heterodontidae), from Oman. *Copeia*, 2005 (2), 262–264. [ref. 28237]
http://dx.doi.org/10.1643/ci-04-168r1

Balushkin, A.V. (1982) Klassifikatsiya trematomovykh ryb Antarktiki [Classification of Antarctic Trematomine fishes]. *In: Biologiya shelfovykh zon Mirovogo Okeana [Biology of the shelf zones of the world ocean], Abstracts of 2nd All-Union Conference on Marine Biology September 1982, Part 2*. DVNTs AN S.S.S.R., Vladivostok, pp. 9–10. [in Russian] [ref. 6042]

Balushkin, A.V. (1984) *Morfologicheskiye osnovy sistematiki i filogenii nototenievykh ryb.. [Morphological bases of the systematics and phylogeny of the notothenid fish]*. Akademija Nauk S.S.S.R., Zoologicheskij Institut, Leningrad, 140 pp. [in Russian] [ref. 6138]

Balushkin, A.V. (1992) Classification, phylogenetic relationships and origin of the families of the suborder Notothenioidei (Perciformes). *Voprosy Ikhtiologii*, 32 (3), 3–19. [in Russian, English translation in *Journal of Ichthyology*, 32 (7), 90–110] [ref. 32849]

Balushkin, A.V. (2000) Morphology, classification, and evolution of notothenioid fishes of the Southern Ocean (Notothenioidei, Perciformes). *Journal of Ichthyology*, 40 (suppl. 1), S74–S109. [ref. 29555]

Balushkin, A.V. & Voskoboynikova, O.S. (1990) Novoye semeystvo kottoidnykh ryb Bathylutichthyidae fam. n. (Cottoidei, Scorpaeniformes) dlya glubokovodnoy ryby *Bathylutichthys taranetzi* gen. et sp. nov. ot ostrova Yuzhnaya Georgiya (Antarktika) [A new cottoid family, Bathylutichthyidae fam. nov. (Cottoidei, Scorpaeniformes) for a deepsea fish *Bathylutichthyes taranetzi* gen. et sp. nov. from South Georgia Island (Antarctic)]. *Voprosy Ikhtiologii*, 30 (2), 185–191. [second author also seen as Voskoboinikova. In Russian, English translation in *Journal of Ichthyology*, 30 (2), 67–75] [ref. 20117]

Balushkin, A.V. & Voskoboynikova, O.S. (1995) Sistema i filogeniya antarkticheskikh ploskonosovykh ryb semeystva Bathydraconidae (Notothenioidei, Perciformes) [Systematics and phylogeny of Antarctic dragonfishes (Bathydraconidae, Notothenioidei, Perciformes)]. *Voprosy Ikhtiologii*, 35 (2), 147–155. [in Russian, English translation in *Journal of Ichthyology*, 35, 89–104] [ref. 32850]

Bamber, R.C. (1915) Reports on the marine biology of the Sudanese Red Sea, from collections made by Cyril Crossland, M.A., D.Sc., F.L.S. XXII. The Fishes. *The Journal of the Linnean Society of London, Zoology*, 31 (210), 477–485, Pl. 46. [30

September, ref. 172]
http://dx.doi.org/10.1111/j.1096-3642.1915.tb00694.x
Bănărescu, P.M. (Editor) (1999) *The freshwater fishes of Europe. Cyprinidae 2/I*. Aula-Verlag, Wiesbaden, 5/I, xviii + 426 pp. [ref. 24846]
Bănărescu, P.M. & Nalbant, T.T. (1964) Süßwasserfische der Türkei. 2. Teil Cobitidae. *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 61, 159–201, Pls. 1–8. [March, ref. 217]
Bănărescu, P.M. & Nalbant, T.T. (1973) Pisces, Teleostei. Cyprinidae (Gobioninae). *Das Tierreich*, 93, i–vii + 1–304. [September, ref. 173]
Bannikov, A.F. & Tyler, J.C. (1995) Phylogenetic revision of the fish families Luvaridae and †Kushlukiidae (Acanthuroidei), with a new genus and two new species of Eocene luvarids. *Smithsonian Contributions to Paleobiology*, 81, i–iv + 1–45. [ref. 22553]
http://dx.doi.org/10.5479/si.00810266.81.1
Barbour, C.D. (2002) *Chirostoma contrerasi* (Atherinopsidae, Menidiinae), a new species from Lago de Chapala, Mexico. *In*: Lozano Vilano, M. de L. & Contreras Balderas, S. (Editors), *Libro jubilar en honor al Dr. Salvador Contreras Balderas*, Universidad Autónoma de Nuevo León, Monterrey, Mexico, pp. 23–33. [ref. 27833]
Barlow, G.W., Liem, C.F. & Wickler, G. (1968) Badidae, a new fish family, behavioral, osteological, and developmental evidence. *Canadian Journal of Zoology*, 156 (4), 415–447, Pls. 1–2. [20 August, ref. 32228]
Barnard, K.H. (1925) A monograph of the marine fishes of South Africa. Part 1. (Amphioxus, Cyclostomata, Elasmobranchii, and Teleostei, Isospondyli to Heterosomata). *Annals of the South African Museum*, 21 (1), 1–418, Pls. 1–17. [June, ref. 192]
Barnard, K.H. (1927) A monograph of the marine fishes of South Africa. Part II. (Teleostei, Discocephali to end. Appendix). *Annals of the South African Museum*, 21 (2), 419–1065, Pls. 18–37. [October, ref. 194]
Bass, A.J., D'Aubrey, J.D. & Kistnasamy, N. (1976) Sharks of the east coast of southern Africa. VI. The families Oxynotidae, Squalidae, Dalatiidae and Echinorhinidae. *Investigational Report, Oceanographic Research Institute Durban*, 45, 1–103. [ref. 7356]
Bauchot, M.-L. (1959) Étude des larves leptocéphales du groupe *Leptocephalus lanceolatus* Strömman et identification à la famille des Serrivomeridae. *Dana Report*, 48, 1–148. [ref. 15993]
Bauchot, M.-L. (1963) Catalogue critique des types de poissons du Muséum National d'Histoire Naturelle. II. Familles des Chaetodontidae, Scatophagidae, Toxotidae, Monodactylidae, Ephippidae, Scorpidae, Pempheridae, Kyphosidae, Girellidae. *Publications of the National Museum of Natural History*, 20, 115–195. [ref. 20718]
Bauchot, M.-L. (1974)] Catalogue critique des types de poissons du Muséum national d'Histoire naturelle. (Suite) (Familles des Centracanthidae, Dipterygonotidae et Emmelichthyidae). *Bulletin du Muséum National d'Histoire Naturelle , Zoologie*, Série 3, 143 (for 1973), 981–995. [31 January, ref. 21548
Bauchot, M.-L. & Desoutter, M. (1989)] Catalogue critique des types de poissons du Muséum national d'Histoire naturelle. (Suite). Sous-ordre des Percoidei. Familles des Aplodactylidae, Apolectidae, Arripidae, Cepolidae, Cheilodactylidae,...Owstoniidae, Pomatomidae et Rachycentridae. *Bulletin du Museum National d'Histoire Naturelle Ser. 4, Section A, Zoologie, Biologie et Écologie Animales*, 11 (2 suppl.), 1–58. [ref. 15502
Bauchot, M.-L., Desoutter, M. & Allen, G.R. (1981) Catalogue critique des types de poissons du Muséum national d'Histoire naturelle. (Suite) (Famille des Lutjanidae). *Bulletin du Museum National d'Histoire Naturelle Ser. 4, Section A, Zoologie, Biologie et Écologie Animales*, 3 (suppl.), 1–51. [15 June, ref. 21549]
Bean, T.H. (1890) Scientific results of explorations by the United States Fish Commission steamer Albatross. No. VIII. Description of a new cottoid fish from British Columbia. *Proceedings of the United States National Museum*, 12 (787), 641–642. [also appeared in *Annals and Magazine of Natural History*, Series 6, 6, 118–120] [4 March, [ref. 228]
http://dx.doi.org/10.5479/si.00963801.12-787.641
Bean, T.H. (1903) Catalogue of the fishes of New York. *Bulletin of the New York State Museum*, 60: 1–784. [February, ref. 16053]
Becker, V.E. (1992) Benthopelagic fishes of the genera *Idiolychnus* and *Diaphus* (Myctophidae) from the eastern South Pacific Ocean, with the description of two new species. *Voprosy Ikhtiologii*, 32 (6), 3–10. [in Russian, English translation 1993 in *Journal of Ichthyology*, 33 (3), 20–29] [ref. 20772]
Begle, D.P. (1991) Relationships of the osmeroid fishes and the use of reductive characters in phylogenetic analysis. *Systematic Zoology*, 40 (1), 33–53. [March, ref. 32608]
http://dx.doi.org/10.2307/2992220
Beling, D.E. & Iljin, B.S. (1927) *Benthophiloides brauneri* n. g., n. sp., ein für das Schwarzmeerbassin neuer Vertreter der Familie der Gobiidae. *Traveaux de la Station Biologique du Dniepre, Mémoires de la Classe des Sciences Physiques et Mathématiques, Académie des Sciences de l'Ukraïne*, 3 (7), 309–325, 2 pls. [ref. 7211]
Berg, L.S. (1906a) K osteologii baykal'skikh Cataphracti [On the osteology of Cataphracti of Baikal]. *Trudy Imperatorskogo SPb obshchestva estestvoispytateley* [*Proceedings of the Imperial Society of Naturalists of St. Petersburg*], 37 (1), 30–32. [in Russian] [3 March, ref. 33074]
Berg, L.S. (1906b) Übersicht der Cataphracti (Fam. Cottidae, Cottocomephoridae und Comephoridae) des Baikalsees. *Zoologischer Anzeiger*, 30 (26), 906–911. [27 November, ref. 265]
Berg, L.S. (1907) Die Cataphracti des Baikal-Sees (Fam. Cottidae, Cottocomephoridae und Comephoridae). Beiträge zur

Osteologie und Systematik. *In: Wissenschaftliche Ergebnisse einer Zoologischen Expedition nach dem Baikal-See unter Leitung des Professors Alixis Korotneff in den Jahren 1900–1902, 3. Lieferung*, St. Petersburg & Berlin, pp. 2 unnumbered pages + i–ii + 1-75, Pls. 1–5. [ref. 266]

Berg, L.S. (1912) *Faune de la Russie et des pays limitrophes. Poissons (Marsipobranchii et Pisces). Vol. III. Ostariophysi. Part 1*. St. Petersbourg, 336 pp., Pls. 1–2. [in Russian] [ref. 5874]

Berg, L.S. (1932) A review of the freshwater cottoid fishes of the Pacific slope of Asia. *Copeia*, 1932 (1), 17–20. [April 12, ref. 16356]
http://dx.doi.org/10.2307/1437024

Berg, L.S. (1940) Sistema ryboobraznykh i ryb, nyne zhivushchikh i iskopaemykh / Classification of fishes, both recent and fossil. *Trudy Zoologicheskogo instituta Akademiia nauk Soiuza Sovetskikh Sotsialisticheskikh Respublik [Proceedings of the Zoological Institute of the USSR Academy of Sciences],* 5, 87–517. [in Russian, with complete English translation] [after 23 July, ref. 5049]

Berkenkamp, H.O. & Etzel, V. (1981) Aquarienfische aus der Elfenbeinküste. 9. Ein neuer Leuchtaugenfisch, *Aplocheilichthys terofali* spec. nov. (Pisces, Cyprinodontidae, Procatopodinae). *Deutsche Killifisch Gemeinschaft Journal*, 13 (10), 149–162. [ref. 20435]

Berra, T.M. (2001) *Freshwater fish distribution*. Academic Press, San Diego, 604 pp.

Bertelsen, E. (1951) (18 December) The ceratioid fishes. Ontogeny, taxonomy, distribution and biology. *Dana-Report*, 39, 1–276, 1 pl. [ref. 287]

Bertelsen, E., Krefft, G. & Marshall, N.B. (1976) The fishes of the family Notosudidae. *Dana Report*, 86, 1–114. [ref. 289]

Bertelsen, E. & Marshall, N.B. (1956) The Miripinnati, a new order of teleost fishes. *Dana-Report*, 42, 1–34, Pl. 1. [1 July, ref. 290]

Bertelsen, E. & Marshall, N.B. (1958) Notes on Miripinnati (an addendum to Dana-Report no. 42). A change of name and further records. *Dana-Report*, 45, 9–10. [1 July, ref. 291]

Bertin, L. (1936) Un nouveau genre de poissons apodes caractérisé par l'absence de machoire supérieure. *Bulletin de la Société Zoologique de France*, 61 [1936]: 533–540. [ref. 292]

Bertin, L. & Arambourg, C. (1958) Systématique des poissons. *In:* Grassé, P.P. (Editor), *Traité de Zoologie Tome 13 Fascicule 3*, Masson & Cie, Paris, pp. 1967-1983.

Bianco, P.G. (1998) Diversity of Barbinae fishes in southern Europe with description of a new genus and a new species (Cyprinidae). *Italian Journal of Zoology*, 65 (Suppl.), 125–136. [November, ref. 23811]
http://dx.doi.org/10.1080/11250009809386804

Bigelow, H.B. (1917) Explorations of the coast water between Cape Cod and Halifax in 1914 and 1915, by the United States Fisheries Schooner Grampus. Oceanography and plankton. *Bulletin of the Museum of Comparative Zoology*, 61 (8), 163–357, Pls. 1–2. [July, ref. 32848]

Bigelow, H.B. (1963) Order Isospondyli, characters and key to suborders and families. *In*: Bigelow, H.B. (Editor), *Fishes of the western North Atlantic, Volume 3.* Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 89–106.
http://dx.doi.org/10.5962/bhl.title.10208

Bigelow, H.B. & Schroeder, W.C. (1954) A new family, a new genus, and two new species of batoid fishes from the Gulf of Mexico. *Breviora*, 24, 1–16. [27 January, ref. 5551]

Birdsong, R.S. (1975) The osteology of *Microgobius signatus* Poey (Pisces: Gobiidae), with comments on other gobiid fishes. *Bulletin of the Florida State Museum, Biological Sciences*, 19 (3), 135–187. [28 March, ref. 17218]

Birindelli, J.L.O., Britski, H.A. & Garavello, J.C. (2013) Two new species of *Leporinus* Agassiz (Characiformes, Anostomidae) from eastern basins of Brazil, and redescription of *L. melanopleura* Günther. *Neotropical Ichthyology*, 11 (1), 9–23. [March, ref. 32698]

Blache, J. (1977) Leptocéphales des poissons anguilliformes dans la zone sud du Golfe de Guinée. *Faune Tropicale*, 20, 1–381. [ref. 22893]

Blache, J. & Bauchot, M.-L. (1976) Contribution à la connaissance des poissons Anguilliformes de la côte occidentale d'Afrique. 16^{e} note: les familles des Congridae et des Colocongridae. *Bulletin de l'Institut Francais d'Afrique Noire (Sér A) Sciences Naturelles*, 38 (2), 369–444. [ref. 305]

Blache, J., Cadenat, J. & Stauch, A. (1970) *Clés de détermination des poissons de mer signalés dans l'Atlantique oriental (entre le 20^{e} parallele N. et le 15^{e} parallele S.). Fauna Tropical XVIII.* Office de la recherche scientifique et technique Outre-Mer, Paris, 18, 479 pp. [ref. 17964]

Blainville, H. de (1816) Prodrome d'une nouvelle distribution systématique du règne animal. *Journal de Physique, de Chimie et d'Histoire Naturelle, Paris*, 83, 244–267. [also appeared in: *Bulletin de la Société Philomathique de Paris*, 8, 105–112 [sic for 113–120] +121–124] [October, ref. 306]

Bleeker, P. (1849) Bijdrage tot de kennis der ichthyologische fauna van het eiland Madura, met beschrijving van eenige nieuwe soorten. *Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen*, 22 (8), 1–16. [28 August, ref. 320]

Bleeker, P. (1850) Bijdrage tot de kennis der Teuthieden van den Soenda-Molukschen Archipel. *Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen*, 23 (10), 1–13. [March – October, ref. 16905]

Bleeker, P. (1850–52) Bijdrage tot de kennis der Snoekachtige visschen van den Soenda-Molukschen Archipel. *Verhandelingen*

van het Bataviaasch Genootschap van Kunsten en Wetenschappen, 24 (6), 1–24 + 25–28. [preprint (pp. 1–24) distributed by December 1850; pp. 25–28 published 1852] [ref. 13275]

Bleeker, P. (1851–52) Bijdrage tot de kennis der Chirocentroïdei, Lutodeiri, Butirini, Elopes, Notopteri, Salmones, Echeneoïdei en Ophidini van den Soenda-Molukschen Archipel. *Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen*, 24 (7), 1–24 + 25–32. [preprint (pp. 1–24) distributed by April 1851, pp. 25–32 published early 1852] [ref. 16907]

Bleeker, P. (1851) Vijfde bijdrage tot de kennis der ichthyologische fauna van Borneo, met beschrijving van eenige nieuwe soorten van zoetwatervisschen. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 2, 415–442. [December, ref. 16897]

Bleeker, P. (1852) Bijdrage tot de kennis der ichthyologische fauna van Bilitong (Billiton), met beschrijving van eenige nieuwe soorten van zoetwatervisschen. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 3, 87–100. [April, ref. 16831]

Bleeker, P. (1853) Bijdrage tot de kennis der ichthyologische fauna van Japan. *Verhandelingen der Koninklijke Akademie van Wetenschappen (Amsterdam)*, 1 (1), 1–16. [October, ref. 16922]

Bleeker, P. (1856a) Bijdrage tot de kennis der ichthyologische fauna van het eiland Boeroe. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 11, 383–414. [August – October, ref. 353]

Bleeker, P. (1856b) Beschrijvingen van nieuwe of weinig bekende vischsoorten van Manado en Makassar, grootendeels verzameld op eene reis naar den Molukschen Archipel in het gevolg van den Gouverneur Generaal Duymaer van Twist. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae*, 1 (6), 1–80. [20 August, ref. 352]

Bleeker, P. (1857) Achtste bijdrage tot de kennis der vischfauna van Amboina. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae*, 2 (7), 1–102. [9 April, ref. 356]

Bleeker, P. (1858a) De heer Bleeker brengt nog ter tafel het eerste deel van eene ichthyologiae Archipelagi Indici Prodromus… *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 16, 38–41. [July, ref. 32230]

Bleeker, P. (1858b) De visschen van den Indischen Archipel. Beschreven en toegelicht. Siluri. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae*, 4, i–xii + 1–370. [also published as a separate: *Ichthyologiae Archipelagi Indici Prodromus. Vol 1. Siluri*. Batavia, xii + 370 pp. published on 23 September 1858. See for an English translation: van Oijen, M.J.P., Loots, G.M.P. & Limburg, F.G.J. (2009) (January) P. Bleeker. A precursor of the fishes of the Indian Archipelago. Part I. Siluri. *Zoologische Mededelingen*, 83 (1): 1–317] [23 September, ref. 365]

Bleeker, P. (1858c) Derde bijdrage tot de kennis der ichthyologische fauna van Bali. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 17, 141–175. [14 October, ref. 16982]

Bleeker, P. (1859a) Bijdrage tot de kennis der vischfauna van Bawean. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 18, 351–358. [26 May, ref. 16983]

Bleeker, P. (1859b) Negende bijdrage tot de kennis der vischfauna van Banka. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 18, 359–378. [26 May, ref. 16984]

Bleeker, P. (1859c) Over eenige vischsoorten van de Kaap de Goede Hoop. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 21, 49–80. [separate distributed on 24 November 1859, journal in April 1960] [ref. 373]

Bleeker, P. (1859d) Enumeratio specierum piscium hucusque in Archipelago indico observatarum, adjectis habitationibus citationibusque, ubi descriptiones earum recentiores reperiuntur, nec non speciebus Musei Bleekeriani Bengalensibus, Japonicis, Capensibus Tasmanicisque. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae* [*Verhandelingen der Natuurkundige Vereeniging in Nederlandsch Indië*], 6, I-XXXVI + 1–276. [<22 December, ref. 371]

Bleeker, P. (1860a) Conspectus systematis Cyprinorum. *Natuurkundig Tijdschrift voor Nederlandsch Indië*, 20, 421–441. [14 February, ref. 370]

Bleeker, P. (1860b) Zesde bijdrage tot de kennis der vischfauna van Japan. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae*, 8 (1), 1–104. [19 July, ref. 374]

Bleeker, P. (1860c) De visschen van den Indischen Archipel, Beschreven en Toegelicht. Deel II Cyprini, Karpers [also: Ichthyologiae Archipelagi Indici Prodromus, Volumen II Cyprini, Karpers]. *Acta Societatis Regiae Scientiarum Indo-Neêrlandicae*, 7 (N. S.), 1–492 + i–xiii. [also as a separate, distributed on 2 August 1860. See for an English translation Oijen, M.J.P. van & Loots, G.M.P. (2012) (May) An illustrated translation of Bleeker's Fishes of the Indian Archipelago Part II Cyprini. *Zoologische Mededelingen*, 86, 1–469] [2 August, ref. 380]

Bleeker, P. (1862a) Conspectus generum Labroideorum analyticus. *Proceedings of the Zoological Society of London*, 1861 (3), 408–418. [Appeared later in modified form as Bleeker, P. (1862) Conspectus generum Labroideorum analyticus. *Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeling Natuurkunde*, 13, 94–109; both articles written in November 1861] [April, ref. 382]

Bleeker, P. (1862b) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome I. Scaroïdes et Labroïdes*. F. Muller, Amsterdam, xxi + 168 pp., Pls. 1–48. [pp. 1–40 (April 1862), pp. 41–80 (May 1862), pp. 81–120 (July 1862), pp. 121–160 (October 1862), pp. 161–168 (November 1862), pp. i–xxi (September 1863), plates published in 1862, see Kottelat (2013a), p. 283 [ref. 32740]] [ref. 4858]

Bleeker, P. (1862–63) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome II. Siluroïdes, Chacoïdes et Hétérobranchoïdes*. F. Muller, Amsterdam, 112 pp., Pls. 49–101. [pp. 1–32 (November 1862), pp. 33–64 (January 1863), pp. 65–96 (April 1863), pp. 97–112 (September 1863), plates published 1862–1863, see Kottelat (2013a), p. 283 [ref. 32740]] [ref. 393]

Bleeker, P. (1863a) Mémoire sur les poissons de la côte de Guinée. *Natuurkundige Verhandelingen van de Hollandsche Maatschappij der Wetenschappen te Haarlem (Serie 2)*, 18 (1862), 1–136. [ref. 395]

Bleeker, P. (1863b) Systema Cyprinoideorum revisum. *Nederlandsch Tijdschrift voor de Dierkunde*, 1, 187–218. [also as separate, pp. 1–32] [ref. 397]
Bleeker, P. (1863–64) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspicesdu Gouvernement colonial néêrlandais. Tome III. Cyprins*, 150 pp., Pls. 102–144. [pp. 1–48 (November 1863), pp. 49–88 (February 1864), pp. 89–120 (May 1864), pp. 121–150 (September 1864), plates published 1863–1864, see Kottelat (2013a), p. 283 [ref. 32740]] [ref. 4859]
Bleeker, P. (1864–65) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandaises. Tome IV. Murènes, Synbranches, Leptocéphales*, 150 pp., Pls. 145–193. [pp. 1–40 (September 1864), pp. 41–72 (December 1864), pp. 73–112 (February 1865), pp. 113–132 (April 1865), plates published 1864–1865, see Kottelat (2013a), p. 283 [ref. 32740]] [ref. 4860]
Bleeker, P. (1865a) Enumération des espèces de poissons actuellement connues de l'île d'Amboine. *Nederlandsch Tijdschrift voor de Dierkunde*, 2, 270–276, 273–293 [four pages repeated]. [ref. 415]
Bleeker, P. (1865b) Systema Balistidorum, Ostracionidorum, Gymnodontidorumque revisum. *Nederlandsch Tijdschrift voor de Dierkunde*, 3, 8–19. [also as separate, pp. 1–12] [ref. 417]
Bleeker, P. (1865–69) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome V. Baudroies, Ostracions, Gymnodontes, Balistes*, 152 pp., Pls. 194–231. [pp. 1–16 (April 1865), pp. 17–56 (September 1865), pp. 57–96 (December 1865), pp. 97–152 (October 1869), plates published in 1865, see Kottelat (2013a), pp. 283–284 [ref. 32740]] [ref. 416]
Bleeker, P. (1870–75) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publiés sous les auspices du Gouvernement colonial néêrlandais. Tome VI. Pleuronectes, Scombrésoces, Clupées, Clupésoces, Chauliodontes, Saurides*, 170 pp., Pls. 232–278. [pp. 1–40 (December 1870), pp. 41–60 (September 1871), pp. 61–100 (February 1872), pp. 101–140 (October 1872), pp. 141–170 (April 1875), plates published 1865–1871, see Kottelat (2013a), p. 284 [ref. 32740]] [ref. 428]
Bleeker, P. (1871–76) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome VII. Percoides I, Priacanthiformes, Serraniformes, Grammisteiformes, Percaeformes, Datniaeformes*, 126 pp., Pls. 279–320. [pp. 1–40 (February 1876), pp. 41–80 (April 1876), pp. 81–126 (December 1876), plates published 1871–1875, see Kottelat (2013a), p. 284 [ref. 32740]] [ref. 4861]
Bleeker, P. (1872) Mémoire sur la faune ichthyologique de Chine. *Nederlandsch Tijdschrift voor de Dierkunde*, 4, 113–154. [ref. 431]
Bleeker, P. (1874a) Révision des espèces indo-archipélagiques du groupe des Epinephelini et de quelques genres voisins. *Verhandelingen der Koninklijke Akademie van Wetenschappen (Amsterdam)*, 14, 1–134. [ref. 5110]
Bleeker, P. (1874b) Esquisse d'un système naturel des Gobioïdes. *Archives néerlandaises des sciences exactes et naturelles*, 9, 289–331. [ref. 437]
Bleeker, P. (1874c) Typi nonnuli generici piscium neglecti. *Verslagen en Mededeelingen der Koninklijke Akademie van Wetenschappen. Afdeeling Natuurkunde (Ser. 2)*, 8, 367–371. [ref. 435]
Bleeker, P. (1875a) Notice sur les Eleotriformes et description de trois espèces nouvelles. *Archives néerlandaises des sciences exactes et naturelles*, 10: 101–112. [also as separate, pp. 1–12] [ref. 440]
Bleeker, P. (1875b) Sur la famille des Pseudochromidoïdes et révision de ses espèces insulindiennes. *Verhandelingen der Koninklijke Akademie van Wetenschappen (Amsterdam)*, 15 (5), 1–32, Pls. 1–3. [ref. 444]
Bleeker, P. (1875–1877) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome VIII. Percoides II, (Spariformes), Bogodoides, Cirrhitéoides*, 156 pp., Pls. 321–354, 361–362. [pp. 1–48 (December 1876), pp. 49–96 (April 1877), pp. 97–156 (November 1877), plates published 1875–1876, see Kottelat (2013a), p. 284 [ref. 32740]] [ref. 4862]
Bleeker, P. (1876–78) *Atlas ichthyologique des Indes Orientales Néêrlandaises, publié sous les auspices du Gouvernement colonial néêrlandais. Tome IX. Toxotoidei, Pempheridoidei, Chaetodontoidei, Nandoidei, etc.*, 80 pp., Pls. 355–360, 363–420. [pp. 1–40 (December 1877), pp. 41–80 (February 1878), plates published 1876–1878, see Kottelat (2013a), p. 284 [ref. 32740]] [ref. 6835]
Bleeker, P. (1876a) Systema Percarum revisum. Pars Ia. Percae. *Archives néerlandaises des sciences exactes et naturelles*, 11, 247–288. [ref. 447]
Bleeker, P. (1876b) Systema Percarum revisum. Pars II. *Archives néerlandaises des sciences exactes et naturelles*, 11, 289–340. [ref. 448]
Bleeker, P. (1877) Mémoire sur les chromides marins ou pomacentroïdes de l'Inde archipélagique. *Natuurkundige Verhandelingen van de Hollandsche Maatschappij der Wetenschappen te Haarlem (Ser. 3)*, 2 (6), 1–166. [ref. 454]
http://dx.doi.org/10.5962/bhl.title.13762
Bleeker, P. (1879a) Énumération des espèces de poissons actuellement connues du Japon et description de trois espèces inédites. *Verhandelingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde (Amsterdam)*, 18, 1–33. [ref. 460]
Bleeker, P. (1879b) Mémoire sur les poissons à pharyngiens labyrinthiformes de l'Inde archipélagique. *Verhandelingen der Koninklijke Akademie van Wetenschappen, Afdeeling Natuurkunde (Amsterdam)*, 19 (1), 1–56. [ref. 457]
Bock, M. & Zander, C.D. (1986) Osteological characters as tool for blenniid taxonomy, a generic revision of European Blenniidae (Percomorphi; Pisces). *Zeitschrift für zoologische Systematik und Evolutionsforschung*, 24 (2), 138–143. [ref. 16148]

Boeseman, M. (1964) Notes on the fishes of western New Guinea II. *Lophichthys boschmai*, a new genus and species from the Arafoera Sea. *Zoologische Mededelingen (Leiden)*, 39, 12–18, Pls. 1–2. [ref. 488]
Boeseman, M. (1971) The "comb-toothed" Loricariinae of Surinam, with reflections on the phylogenetic tendencies within the family Loricariidae (Siluriformes, Siluroidei). *Zoologische Verhandelingen (Leiden)*, 116, 1–56, Pls. 1–8. [12 July, ref. 490]
Boeseman, M. (1974) On two Surinam species of Hypoptopomatinae, both new to science (Loricariidae, Siluriformes, Ostariophysi). *Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen (Series C, Biological and Medical Sciences)*, 77 (3), 251–271. [ref. 7490]
Boeseman, M. (1976) A short review of the Surinam Loricariinae; with additional information on Surinam Harttiinae, including the description of a new species (Loricariidae, Siluriformes). *Zoologische Mededelingen (Leiden)*, 50 (11), 153–177. [29 December, ref. 6991]
Bogutskaya, N.G. (1990) Morfologicheskie osnovy sistemy karpovykh ryb podsemeystva el'tsovykh (Leuciscinae, Cyprinidae), Soobshchenie 2 [The morphological basis for the classification of cyprinid fishes (Leuciscinae, Cyprinidae), Communication 2]. *Voprosy Ikhtiologii*, 30: 920–933. [translation in *Journal of Ichthyology*, 31 (1), 66–82] [after 23 October, ref. 32597]
Bogutskaya, N.G. (1994) A description of *Leuciscus lepidus* (Heckel, 1843) with comments on *Leuciscus* and leuciscine - aspinine relationships (Pisces, Cyprinidae). *Annalen des Naturhistorischen Museums in Wien*, 96 B, 599–620. [December, ref. 23569]
Bogutskaya, N.G. & Naseka, A.M. (2004) *Katalog beschelyustnykh i ryb presnykh i solonovatykh vod Rossii s nomenklaturnymi i taksonomicheskimi kommentariyami [Catalogue of agnathans and fishes of fresh and brackish waters of Russia with comments on nomenclature and taxonomy]*. Russian Academy of Sciences, KMK Scientific Press Ltd., Moscow, 389 pp. [in Russian, English summary] [ref. 28183]
Bohlen, J. & Ŝlechtová, V. (2009) Phylogenetic position of the fish genus *Ellopostoma* (Teleostei: Cypriniformes) using molecular genetic data. *Ichthyological Exploration of Freshwaters*, 20 (2), 157–162. [June, ref. 30419]
Böhlke, E.B. (1984) *Catalog of type specimens in the ichthyological collection of the Academy of Natural Sciences of Philadelphia*. Special Publication, Academy of Natural Sciences of Philadelphia, 14, viii + 216 pp. [1 February, ref. 13621]
Böhlke, E.B. (Editor) (1989) *Fishes of the western North Atlantic, Volume 9 (1) Orders Anguilliformes and Saccopharyngiformes, Volume 9 (2) Leptocephali.* Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, 1, xvii + 655 pp.; 2, vii + 657–1055 pp. [September, ref. 13282]
Böhlke, J.E. (1949) The systematic position of the apodal fish genus *Bathymyrus*. *Copeia*, 1949 (3), 218. [15 September, ref. 31914]
http://dx.doi.org/10.2307/1438989
Böhlke, J.E. & Chaplin, C.C.G. (1968) *Fishes of the Bahamas and adjacent tropical waters*. ANSP, Philadelphia, xxx + 771 pp., 36 Pls. [July, ref. 23150]
Böhlke, J.E. & Chaplin, C.C.G. (1993) *Fishes of the Bahamas and adjacent tropical waters, 2nd edition*. University of Texas Press, Austin, 771 pp.
Böhlke, J.E. & Hubbs, C.L. (1951) *Dysommina rugosa*, an apodal fish from the North Atlantic, representing a distinct family. *Stanford Ichthyological Bulletin*, 4 (1), 7–10. [27 December, ref. 32594]
Bollman, C.H. (1891) A review of the Centrarchidae, or fresh-water sunfishes, of North America. *Report of the United States Commissioner of Fish and Fisheries*, 16 (8) (for 1888), 557–579, Pls. 68–72. [ref. 32624]
Bonaparte, C.L. (1831) *Saggio di una distribuzione metodica degli animali vertebrati*, (1831), Roma, 78 pp. *Saggio d'una distribuzione .. vertebrati a sangue freddo*, (1832), Roma, 86 pp. also in *Giornale Arcadico di Scienze Lettere ed Arti*, 52 (1831), 155–189. *Saggio di una distribuzione metodica deglianimali vertebrati* (1832), 89–123. [pagination in all 4 works differs. We give those in`Giornale Arcadico' 52, often cited but perhaps not earliest] [ref. 4978]
Bonaparte, C.L. (1832) *Iconografia delle fauna italica per le quattro classi degli animali vertebrati. Tomo III. Pesci*. Roma. [Issued in puntate, without pagination; total of 556 pp., 78 Pls. Also reorganized in bookform without pagination but with table of contents. For dates see Hureau, J.-C. & Monod, T. (Editors) (1973), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp.] [ref. 515]
Bonaparte, C.L. (1833) *Iconografia della fauna italica per le quattro classi degli animali vertebrati. Tomo III. Pesci*. Roma. Fasc. 2–5, puntata 7–28. [ref. 516]
Bonaparte, C.L. (1835) Prodromus systematis ichthyologiae. *Nuovi Annali delle Scienze naturali Bologna (Ser. 1)*, 2 (4), 181–196, 272–277. [As a separate *Prodromus systematis ichthyologiae*, 21 pp., distributed 1835! Journal evidently dates to 1840] [ref. 32242]
Bonaparte, C.L. (1837) Synopsis vertebratorum systematis. *Nuovi Annali delle Scienze naturali Bologna (Ser. 1)*, 1 (2) (for 1837), 105–133. [also as a separate, *Synopsis vertebratorum systematis*, 30 pp., distributed 1837. Journal article appeared 1838, fishes on pp. 126–133] [ref. 32243]
Bonaparte, C.L. (1839) *Iconografia della fauna italica per le quattro classi degli animali vertebrati. Tomo III. Pesci.* Roma. Fasc. 24–26, puntata 121–135. [ref. 4895]
Bonaparte, C.L. (1840) *Iconografia della fauna italica per le quattro classi degli animali vertebrati. Tomo III. Pesci.* Roma.

Fasc. 27–29, puntata 136–154. [ref. 514]
Bonaparte, C.L. (1841) *Iconografia della fauna italica per le quattro classi degli animali vertebrati. Tomo III. Pesci.* Roma. Fasc. 30, puntata 155–160. [ref. 512]
Bonaparte, C.L. (1845) Specchio generale del sistema ittiologico. *Atti della sesta Riunione degli Scienziati Italiani*, 6, 386–390. [also as a separate entitled *'Specchio generale dei sistemi erpetologico, anfibiologico ed ittiologico*. Giacomo Pirola, Milano, 11 pp.] [September, ref. 32998]
Bonaparte, C.L. (1846) Catalogo metodico dei pesci europei. *Atti della Settima Adunanza degli Scienziati Italiani 7a Adunanza, (1845), Napoli*, Part 2, 1–95. [also issued as separate, Napoli, 1846, 97 pp.] [ref. 519]
Bonaparte, C.L. (1850a) Conspectus systematis ichtyologiae Caroli L. Bonaparte. Editio reformata 1850. *Nuovi annali delle scienze naturali e rendiconto dei lavori dell'Accademia della Scienze dell'Instituto di Bolognacon appendice agraria, Bologna, (Ser. 3)*, 6, 453–456. [also as a separate] [ref. 27352]
Bonaparte, C.L. (1850b) *Conspectus systematis ichthyologiae Caroli-Luciani Bonaparte, Classis V Pisces, Editio reformata*. E. J. Brill, Lugduni Batavorum, 1 folio table. [ref. 32551]
Bonou, C.A. & Teugels, G.G. (1985) Révision systématique du genre *Parachanna* Teugels & Daget 1984 (Pisces, Channidae). *Revue d'Hydrobiologie Tropicale*, 18 (4), 267–280. [ref. 26743]
Boulenger, G.A. (1901) On the fishes collected by Dr. W. J. Ansorge in the Niger Delta. *Proceedings of the Zoological Society of London*, 1 (1), 4–10, Pls. 2–4. [June, ref. 559]
Boulenger, G.A. (1902) On the genus *Ateleopus* of Schlegel. *Annals and Magazine of Natural History,* Series 7, 10 (59), 402–403. [1 November, ref. 568]
http://dx.doi.org/10.1080/00222930208678692
Boulenger, G.A. (1904a) A synopsis of the suborders and families of teleostean fishes. *Annals and Magazine of Natural History,* Series 7, 13 (75), 161–190. [1 March, ref. 15112]
http://dx.doi.org/10.1080/00222930408678896
Boulenger, G.A. (1904b) Chapter XXI–XXIII Teleostei: general characters, Malacopterygii … Plectognathi. *In:* Harmer, S.F. & Shipley, A.E. (Editors), *The Cambridge Natural History Volume VII*. MacMillan, London, pp. 541–727. [ref. 31880]
Bradbury, M.G. (2003) Family Ogcocephalidae Jordan 1895 - batfishes. *California Academy of Sciences Annotated Checklists of Fishes*, 17, 1–17. [ref. 27309]
Branson, B.A. & Moore, G.A. (1962) The lateralis components of the acoustic-lateralis system in the sunfish family Centrarchidae. *Copeia*, 1962 (1), 1–108. [11 April, ref. 27282]
http://dx.doi.org/10.2307/1439483
Brauer, A. (1906) Die Tiefsee-Fische. I. Systematischer Teil. *In:* Chun, C., *Wissenschaftliche Ergebnisse der deutschen Tiefsee-Expedition "Valdivia" 1898–99, Band 15*. Gustav Fischer, Jena, pp. 1-432 pp., Pls. 1–18. [Eingegangen 17 April 1906, book published 1908] [ref. 632]
Breder Jr., C.M. (1927) Scientific results of the first oceanographic expedition of the "Pawnee" 1925. Fishes. *Bulletin of the Bingham Oceanographic Collection Yale University*, 1 (1), 1–90. [19 October, ref. 635]
Breder Jr., C.M. (1938) A contribution to the life histories of Atlantic Ocean flyingfishes. *Bulletin of the Bingham Oceanographic Collection Yale University*, 6 (5), 1–126. [October, ref. 17133]
Brevoort, J.C. (1852) Description of the *Selene argentea* of Lacépède, a fish whose existence has been doubted. *Annals of the Lyceum of Natural History of New York*, 5, 68–76. [ref. 33079]
http://dx.doi.org/10.1111/j.1749-6632.1852.tb00114.x
Briggs, J.C. (1955) A monograph of the clingfishes (Order Xenopterygii). *Stanford Ichthyological Bulletin*, 6, i–iv + 1–224. [21 September, ref. 637]
Britz, R. (2001) The genus *Betta* - monophyly and intrarelationships, with remarks on the subfamilies Macropodinae and Luciocephalinae (Teleostei, Osphronemidae). *Ichthyological Exploration of Freshwaters*, 12 (4), 305–318. [ref. 25717]
Britz, R. (2008) *Channa ornatipinnis* and *C. pulchra*, two new species of dwarf snakeheads from Myanmar (Teleostei, Channidae). *Ichthyological Exploration of Freshwaters*, 18 (4) [for 2007], 335–344. [9 January, ref. 29386]
Britz, R. (2013) *Channa andrao*, a new species of dwarf snakehead from West Bengal, India (Teleostei, Channidae). *Zootaxa*, 3731 (2), 287–294. [30 October, ref. 32966]
http://dx.doi.org/10.11646/zootaxa.3731.2.9
Britz, R., Kakkassery, F. & Raghavan, R. (2014) Osteology of *Kryptoglanis shajii*, a stygobitic catfish (Teleostei: Siluriformes) from Peninsular India with a diagnosis of the new family Kryptoglanidae. *Ichthyological Exploration of Freshwaters*, 24 (3) [for 2013], 193–207. [April, ref. 33236]
Brogan, M.W. (1996) Larvae of the eastern Pacific snapper *Hoplopagrus guntheri* (Teleostei, Lutjanidae). *Bulletin of Marine Science*, 58 (2), 329–343. [ref. 22125]
Brooks, A.J. (1987) Two species of Kyphosidae seen in King Harbor, Redondo Beach, California. *California Fish and Game*, 73 (1), 49–50. [ref. 23113]
Bruce, R.W. & Randall, J.E. (1985) Revision of the Indo-Pacific parrotfish genera *Calotomus* and *Leptoscarus*. *Indo-Pacific Fishes*, 5, 1–32. [February, ref. 5234]
Bruun, A.F. (1935) Flying-fishes (Exocoetidae) of the Atlantic. Systematic and biological studies. *Dana-Report*, 6, 1–108, Pls. 1–7. [5 August, ref. 5130]
Buckup, P.A. (1988) The genus *Heptapterus* (Teleostei, Pimelodidae) in southern Brazil and Uruguay, with the description of a

new species. *Copeia*, 1988 (3), 641–653. [3 August, ref. 6635]
http://dx.doi.org/10.2307/1445382
Buckup, P.A. (1992) Redescription of *Characidium fasciatum*, type species of the Characidiinae (Teleostei, Characiformes). *Copeia*, 1992 (4), 1066–1073. [18 December, ref. 20321]
http://dx.doi.org/10.2307/1446639
Buckup, P.A., Menezes, N.A. & Ghazzi, M.S. (Editors) (2007) *Catálogo das Espécies de Peixes de Água Doce do Brasil* (*Série Livros 23*). Museu Nacional, Rio de Janeiro, 195 pp.
Burgess, W.E. (1989)] *An atlas of freshwater and marine catfishes. A preliminary survey of the Siluriformes*. Tropical Fish Hobbyist Publications, Neptune City, New Jersey, 784 pp. [ref. 12860
Burke, C.V. (1912) Note on the Cyclogasteridae. *Annals and Magazine of Natural History, Series* 8, 9 (53), 507–513. [1 May, ref. 14836]
http://dx.doi.org/10.1080/00222931208693163
Cambray, J.A. (2013) The spawning behaviour of the endangered Eastern Cape rocky, *Sandelia bainsii* (Anabantidae), in South Africa. *Environmental Biology of Fishes*, 49 (3), 293–306. [ref. 33127]
Canestrini, G. (1860) Zur Systematik der Percoiden. *Verhandlungen der Kaiserlich-Königlichen zoologisch-botanischen Gesellschaft in Wien*, 10, 291–314. [ref. 712]
Canestrini, G. (1871–72) Pesci d'Italia. Parts I–II. *In*: Cornalia, E., *Fauna d'Italia volume 3*, Vallardi, Milan, pp. 1–208. [Part I: 4–36 (1871), Part II: 37–208 (1872)] [ref. 14130]
Cantor, T.E. 1849 Catalogue of Malayan fishes. *Journal of the Asiatic Society of Bengal*, 18 (2), i–xii + 983–1443, Pls. 1–14. [also as a separate, J. Thomas, Calcutta, xii + 461 pp. Often cited with date as 1850, the date on title page of part 2. Page headers: pp. 981–1086 (October), 1087–1256 (November), 1257–1443 (December). Plates may date differently from text] [October–December, ref. 715]
Carpenter, K.E. (1988) *FAO species catalog volume 8, Fusilier fishes of the World. An annotated and illustrated catalogue of caesionid species known to date*. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, FAO, Rome, iv + 75 pp. [ref. 9296]
Carpenter, K.E. (2003) Lobotidae (P. 1505), Sparidae (Pp. 1554–1577), Kyphosidae (Pp. 1684–1687), Cichlidae (Pp. 1690–1693), Uranscopidae (Pp. 1746–1747). *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 3: Bony fishes part 2 (Opistognathidae to Molidae)*. FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, vi + 1375-2127 pp. [published June 2003, date on cover is 2002] [ref. 27092]
Carus, J.V. (1893) Vertebrata. 1. Class. Pisces. In: *Prodromus faunae Mediterraneae sive descriptio animalium maris Mediterranei incolarum quam comparata silva rerum quatenus innotuit adiectis locis et nominibus vulgaribus...*, 2, pp. 498–711. [ref. 17975]
http://dx.doi.org/10.5962/bhl.title.11523
Carvalho, J. de P. (1956) *Adenops dissimilis* n. sp., de peixe rei. (Fam. Atherinidae - subfam. Menidiinae). *Boletim do Instituto Oceanografico, São Paulo*, 7 (1/2), 93–103 [English summary]. [ref. 12055]
http://dx.doi.org/10.1590/s0373-55241956000100005
Cashner, R.C., Burr, B.M. & Rogers, J.S. (1989) Geographic variation of the mud sunfish, *Acantharchus pomotis* (family Centrarchidae). *Copeia*, 1989 (1), 129–141. [27 February, ref. 13576]
http://dx.doi.org/10.2307/1445614
Castelnau, F.L. (1873) Contribution to the ichthyology of Australia. Nos. III thru IX [with subtitles, indexed as one work]. *Proceedings of the Zoological and Acclimatisation Society of Victoria, Melbourne*, 2, 37–158. [also as part of a separate, Melbourne, possibly published in 1872] [ref. 758]
Castelnau, F.L. (1875) Researches on the fishes of Australia No. 2. *In: Philadelphia Centennial Expedition of 1876, Intercolonial Exhibition Essays, 1875–6*, pp. 1–52. [ref. 768]
Castle, P.H.J. (1990) Two new species of the previously monotypic congrid eel genera *Poeciloconger* and *Macrocephenchelys* from eastern Australia. *Records of the Australian Museum*, 42 (2) [1988], 119–126. [date of 1988 at top of reprint is incorrect] [ref. 15487]
http://dx.doi.org/10.3853/j.0067-1975.42.1990.109
Castle, P.H.J. (1997) Garden eel leptocephali, characters, generic identification, distribution, and relationships. *Bulletin of Marine Science*, 60 (1), 6–22. [January, ref. 22878]
Castro, R.M.C. & Vari, R.P. (2004) Detritivores of the South American fish family Prochilodontidae (Teleostei, Ostariophysi; Characifomes). A phylogenetic and revisionary study. *Smithsonian Contributions to Zoology*, 622, i–v + 1–186 + 187–189. [ref. 28606]
http://dx.doi.org/10.5479/si.00810282.622
Chabanaud, P. (1925) *Monodichthys proboscideus* (gen. nov. spec. nov.) et remarques sur divers autres poissons Soléiformes. *Bulletin du Muséum National d'Histoire Naturelle*, Série 1, 31 (5) [1925], 356–361. [ref. 780]
Chabanaud, P. (1927) Les soles de l'Atlantique oriental nord et des mers adjacentes. *Bulletin de l'Institut Océanographique (Monaco)*, 488, 1–67. [5 March, ref. 782]
Chabanaud, P. (1930a) Les genres de Poissons Hétérosomates [Pisces Heterosomata] appartenant à la sous-famille des Soleinae. *Bulletin de l'Institut Océanographique (Monaco)*, 555, 1–21. [5 July, ref. 784]

Chabanaud, P. (1930b) Sur la taxonomie des Soléidés de Nouveau-Monde. *Bulletin du Muséum National d'Histoire Naturelle*, Série 2, 2 (3), 260–268. [ref. 32640]

Chabanaud, P. (1933) Poissons hétérosomes recueillis par M. le Professeur A. Gruvel et par MM. R.-Ph. Dollfus et J. Liouville sur la côte atlantique du Maroc. *Mémoires de la Société des sciences naturelles du Maroc*, 35, 1–111, Pls. 1–2. [30 April, ref. 787]

Chabanaud, P. (1935) Les Soleidae de la sous-famille des Heteromycterinae. *Bulletin de la Société Zoologique de France*, 60: 212–224. [ref. 25931]

Chabanaud, P. (1937) Les Téléostéens dyssymétriques du Mokattam Inférieur de Tourah. *Mémoires de l'Institut d'Égypte N. S.*, 32, i–xi + 1–121, Pls. 1–4. [ref. 793]

Chakrabarty, P. & Sparks, J.S. (2008) Diagnoses for *Leiognathus* Lacepède 1802, *Equula* Cuvier 1815, *Equulites* Fowler 1904, *Eubleekeria* Fowler 1904, and a new ponyfish genus (Teleostei, Leiognathidae). *American Museum Novitates*, 3623, 1–11. [28 August, ref. 29788]
http://dx.doi.org/10.1206/618.1

Chanet, B. (2003) Interrelationships of scophthalmid fishes (Pleuronectiformes, Scophthalmidae). *Cybium*, 27 (4), 275–286. [31 December, ref. 27526]

Chapleau, F. (1988) Comparative osteology and intergeneric relationships of the tongue soles (Pisces; Pleuronectiformes; Cynoglossidae). *Canadian Journal of Zoology*, 66, 1214–1232. [ref. 13819]
http://dx.doi.org/10.1139/z88-177

Chapleau, F. (1993) Pleuronectiform relationships, a cladistic reassessment. *Bulletin of Marine Science*, 52 (1), 516–540. [ref. 26822]

Chapman, W.M. (1939) Eleven new species and three new genera of oceanic fishes collected by the International Fisheries Commission from the northeastern Pacific. *Proceedings of the United States National Museum*, 86 (3062), 501–542. [28 April, ref. 817]
http://dx.doi.org/10.5479/si.00963801.86-3062.501

Chapman, W.M. (1942) The osteology and relationship of the bathypelagic fish *Macropinna microstoma*, with notes on its visceral anatomy. *Annals and Magazine of Natural History,* Series 11, 9 (52), 272–304. [16 April, ref. 818]
http://dx.doi.org/10.1080/03745481.1942.9755482

Chardon, M. (1968)] Anatomie comparée de l'appareil de Weber et des structures connexes chez les Siluriformes. *Annales, Musée Royal de l'Afrique Centrale, Tervuren, Série in 8°, Sciences Zoologiques*, 169, 1–277, Pls. 1–3. [December, ref. 33056

Chatterjee, T.K. & Mishra, S.S. (2013) A new genus and new species of gobioid fish (Gobiidae, Gobionellinae) from Sunderbans, India. *Records of the Zoological Survey of India*, 112 (4) (for 2012), 85–88. [ref. 32933]

Chen, S.-Z. (2002) *Fauna Sinica. Osteichthyes. Myctophiformes, Cetomimiformes, Osteoglossiformes*. Science Press, Beijing, ix + 349 pp. [in Chinese, English summary] [ref. 26587]

Chen, W.-J., Lheknim, V. & Mayden, R.L. (2009) Molecular phylogeny of the Cobitoidea (Telesotei: Cypriniformes) revisited: position of enigmatic loach *Ellopostoma* resolved with six nuclear genes. *Journal of Fish Biology*, 75, 2197–2208. [ref. 30698]
http://dx.doi.org/10.1111/j.1095-8649.2009.02398.x

Chen, W.-J. & Mayden, R.L. (2009) Molecular systematics of the Cyprinoidea (Teleostei: Cypriniformes), the world's largest clade of freshwater fishes: Further evidence from six nuclear genes. *Molecular Phylogenetics and Evolution*, 52, 544–549.
http://dx.doi.org/10.1016/j.ympev.2009.01.006

Chen, X.-L., Yue, P.-Q. & Lin, R.-D. (1984) Major groups within the family Cyprinidae and their phylogenetic relationships. *Acta Zootaxonomica Sinica*, 9 (4), 424–440. [in Chinese, English summary]

Chen, Y.-Y. (1980) Systematic studies of the fishes of the family Homalopteridae of China. Phyletic studies of the homalopterid fishes. *Acta Zootaxonomica Sinica*, 5 (2), 200–211. [ref. 32172]

Chen, Y.-Y. (Chief Editor) (1998) *Fauna Sinica. Osteichthyes. Cypriniformes II.* Science Press, Beijing, v + 531 pp. [in Chinese, English summary] [ref. 23878]

Chernoff, B. (1986) Phylogenetic relationships and reclassification of Menidiinae silverside fishes with emphasis on the tribe Membradini. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 138, 189–249. [ref. 5847]

Chiquillo, K.L., Ebert, D.A., Slager, C.J. & Crow, K.D. (2014) The secret of the mermaid's purse: Phylogenetic affinities within the Rajidae and the evolution of a novel reproductive strategy in skates. *Molecular Phylogenetics and Evolution*, 75, 245–251. [ref. 33249]
http://dx.doi.org/10.1016/j.ympev.2014.01.012

Chu, X.-L., Cheng, B.-S. & Dai, D.-Y. (1999) *Faunica Sinica. Osteichthyes. Siluriformes*. Science Press, Beijing, vii + 230 pp. [ref. 24534]

Chu, Y.-T., Lo, Y.-L. & Wu, H.-L. (1963) *A study on the classification of the sciaenoid fishes of China, with description of new genera and species*. Monographs of fishes of China. Publications Shanghai Fisheries Institute, ii + 100 pp., 40 pls. [in Chinese, English resumé, pp. 83–94; reprinted in 1972] [ref. 833]

Chu, Y.-T. & Meng, Q.-W. (2001) *Fauna Sinica. Cyclostomata. Chondrichthyes*. Science Press, Beijing, xv + 552 pp. [in Chinese, English summary. First author is same as Zhu Yuanding (= Y.-D. Zhu)]

Chu, Y.-T., Meng, Q.-W., Hu, A.-S. & Li, S. (1981) Description of four new species, a new genus and a new family of

elasmobranchiate fishes from deep sea of the South China Sea. *Oceanologia et Limnologica Sinica*, 12 (2), 103–116. [in Chinese, with shortened version in English (pp. 115–116). First author is same as Zhu Yuanding (= Y.-D. Zhu)] [March, ref. 4841]

Clabaut, C., Salzburger, W. and Meyer, A. (2005) Comparative phylogenetic analyses of the adaptive radiation of Lake Tanganyika cichlid fish: nuclear sequences are less homoplasious but also less informative than mitochondrial DNA. *Journal of Molecular Evolution*, 31, 666–681. [ref. 32238]
http://dx.doi.org/10.1007/s00239-004-0217-2

Clark, H.W. (1937) New fishes from the Templeton Crocker expedition of 1934–35. *Copeia,* 1937 (2), 88–91. [18 August, ref. 840]
http://dx.doi.org/10.2307/1436949

Clarke, T.A. (1984) Ecology and sexual dimorphism of the pelagic eel, *Stemonidium hypomelas* (Serrivomeridae). *Copeia*, 1984 (1), 249–252. [23 February, ref. 6814]
http://dx.doi.org/10.2307/1445070

Clausen, H.S. (1959) Denticipitidae, a new family of primitive Isospondylous teleosts from West African fresh-water. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening, Kjøbenhavn*, 121, 141–151, Pls. 1–2. [ref. 842]

Clements, K.D. (1997) *Kyphosus vaigiensis* (Kyphosidae), a new fish record from northeastern New Zealand. *Journal of the Royal Society of New Zealand*, 27 (2), 219–221. [ref. 23459]
http://dx.doi.org/10.1080/03014223.1997.9517534

Cocco, A. (1838) Su di alcuni salmonidi del mare di Messina. *Nuovi annali delle scienze naturali e rendiconto dei lavori dell'Accademia della Scienze dell'Instituto di Bologna con appendice agrarian,* 2 (9), 161–194. [also as a separate, pp. 1–34, Pls. 1–4] [ref. 865]

Cockerell, T.D.A. (1909) The cyprinid subfamily Chondrostominae. *Proceedings of the Biological Society of Washington*, 22, 209–210. [31 December, ref. 32166]

Cockerell, T.D.A. (1910) On the scales of some malacopterygian fishes. *Proceedings of the Biological Society of Washington*, 23, 111–114. [23 July, ref. 33054]

Cockerell, T.D.A. (1913a) Observations on fish scales. *Bulletin of the Bureau of Fisheries*, 32 (for 1912), 117–174, Pls. 32–40. [25 October, ref. 870]

Cockerell, T.D.A. (1913b) The scales of some Queenland fishes. *Memoirs of the Queensland Museum*, 2, 51–59. [10 December, ref. 33080]

Cockerell, T.D.A. (1915a) The scales of some Australian fishes. *Memoirs of the Queensland Museum*, 3, 35–46. [28 January, ref. 32627]

Cockerell, T.D.A. (1915b) Scales of Panama fishes. *Proceedings of the Biological Society of Washington*, 28, 151–160. [21 September, ref. 33055]

Cockerell, T.D.A. & Callaway, O. (1909a) Notes on the scales of fishes, the herbivorous Cyprinidae. *Proceedings of the Biological Society of Washington*, 22, 121–124. [25 June, ref. 32165]

Cockerell, T.D.A. & Callaway, O. (1909b) Observations on the fishes of the genus *Notropis*. *Proceedings of the Biological Society of Washington*, 22, 189–196. [8 December, ref. 876]

Cohen, D.M. (1966) A new tribe and a new species of ophidioid fish. *Proceedings of the Biological Society of Washington*, 79, 183–204. [15 August, ref. 9026]

Cohen, D.M. (1984) Gadiformes: overview. *In:* Moser, H.G. (Chief Editor), *Ontogeny and systematics of fishes*. American Society of Ichthyologists and Herpetologists, Special Publication No. 1, pp. 259–265. [ref. 13646]
http://dx.doi.org/10.5962/bhl.title.4434

Cohen, D.M., Inada, T., Iwamoto, T. & Scialabba, N. (1990) *FAO species catalogue volume 10, Gadiform fishes of the world (order Gadiformes). An annotated and illustrated catalogue of cods, hakes, grenadiers and other gadiform fishes known to date*. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, FAO, Rome, x + 442 pp. [ref. 18936]

Cohen, D.M. & Nielsen, J.G. (1978) *Guide to the identification of genera of the fish order Ophidiiformes with a tentative classification of the order*. NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular 417, U. S. Department of Commerce / NOAA / NMFS, 72 pp. [December, ref. 881]
http://dx.doi.org/10.5962/bhl.title.63242

Collette, B.B. (2003) Pomatomidae (Pp. 1412–1413), Echeneidae (Pp. 1414–1419), Rachycentridae (Pp. 1420–1421), Coryphaenidae (Pp. 1422–1423), Scombridae (Pp. 1836–1857). *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 3: Bony fishes part 2 (Opistognathidae to Molidae)*. FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, vi + 1375-2127 pp. [published June 2003, date on cover is 2002] [ref. 27087]

Compagno, L.J.V. (1973a) *Gogolia filewoodi*, a new genus and species of shark from New Guinea (Carcharhiniformes, Triakidae), with a redefinition of the family Triakidae and a key to triakid genera. *Proceedings of the California Academy of Sciences,* Series 4, 39 (19), 383–410. [24 October, ref. 898]

Compagno, L.J.V. (1973b) Interrelationships of living elasmobranchs. *In*: Greenwood, P.H., Miles, R.S. & Patterson, C. (Editors), *Interrelationships of Fishes (Supplement No. 1 to the Zoological Journal of the Linnean Society Vol. 53)*.

Linnean Society of London / Academic Press, London, pp. 15–61. [ref. 31929]
Compagno, L.J.V. (1984a) *FAO species catalogue volume 4, Sharks of the World. An annotated and illustrated catalogue of shark species known to date. Part 1 Hexanchiformes to Lamniformes*. Food and Agriculture Organization of the United Nations, Fisheries Synopsis No. 125, Rome, viii + 249 pp. [ref. 6474]
Compagno, L.J.V. (1984b) *FAO species catalogue volume 4, Sharks of the world. An annotated and illustrated catalogue of shark species known to date. Part 2 Charcharhiniformes*. Food and Agriculture Organization of the United Nations, Fisheries Synopsis No. 125, Rome, 251–655 pp. [ref. 6846]
Compagno, L.J.V. (1988) *Sharks of the order Carcharhiniformes*. Princeton University Press, Princeton, xxii + 486 pp. + 21 separate figs., 35 Pls. [ref. 13488]
Compagno, L.J.V. (1999) Checklist of living elasmobranchs. *In:* Hamlett, W. C. (Editor), *Sharks, skates, and rays: the biology of elasmobranch fishes. Checklist of living elasmobranchs*, pp. 471–498. [ref. 25589]
Compagno, L.J.V. (2001) *FAO Species Catalogue for Fishery Purposes No. 1, Sharks of the world. An annotated and illustrated catalogue of shark species known to date. Volume 2 Bullhead, mackerel and carpet sharks (Heterodontiformes, Lamniformes and Orectolobiformes)*. Food and Agriculture Organization of the United Nations, Rome, viii + 269 pp. [ref. 26323]
Compagno, L.J.V. & Heemstra, P.C. (2007) *Electrolux addisoni*, a new genus and species of electric ray from the east coast of South Africa (Rajiformes, Torpedinoidei, Narkidae), with a review of torpedinoid taxonomy. *Smithiana, Publications in Aquatic Biodiversity,* 7, 15–49. [May, ref. 29194]
Cooper, J.A. & Chapleau, F. (1998) Monophyly and intrarelationships of the family Pleuronectidae (Pleuronectiformes), with a revised classification. *Fishery Bulletin*, 96 (4), 686–726. [ref. 26711]
Cooper, W.J., Smith, L.L. & Westneat, M.W. (2009) Exploring the radiation of a diverse reef fish family: Phylogenetics of the damselfishes (Pomacentridae), with new classifications based on molecular analyses of all genera. *Molecular Phylogenetics and Evolution*, 52 (1), 1–16. [July, ref. 32509]
http://dx.doi.org/10.1016/j.ympev.2008.12.010
Cope, E.D. (1867) Synopsis of the Cyprinidae of Pennsylvania. Also includes: Supplement on some new species of American and African fishes (pp. 400–407 [= ref. 18027]) and Supplementary synopsis of the esoces of Middle North America (pp. 407–410 [= ref. 18028]). *Transactions of the American Philosophical Society*, New Series, 13 (3), 351–410. [1 November, ref. 910]
http://dx.doi.org/10.2307/1005371
Cope, E.D. (1871) Contribution to the ichthyology of the Lesser Antilles. *Transactions of the American Philosophical Society*, New Series, 14 (3), 445–483. [ref. 920]
http://dx.doi.org/10.2307/1005256
Cope, E.D. (1872) On the fishes of the Ambyiacu River. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 23, 250–294. [presentation date on volume is 16 January for pp. 250–276, 13 February for pp. 277–294] [16 January– 13 February, ref. 921]
Cope, E.D. (1874) On the Plagopterinae and the ichthyology of Utah. *Proceedings of the American Philosophical Society*, 14, 129–139. [also as separate, 13 April 1874, pp. 1–11] [ref. 932]
Costa, W.J.E.M. (1990) Classificação e distribuição da família Rivulidae (Cyprinodontiformes, Aplocheiloidei). *Revista Brasileira de Biologia*, 50 (1), 83–89. [28 February, ref. 16650]
Costa, W.J.E.M. (1997) Phylogeny and classification of the Cyprinodontidae revisited (Teleostei: Cyprinodontiformes), are Andean and Anatolian killifishes sister taxa? *Journal of Comparative Biology*, 2 (1), 1–17. [ref. 23302]
Costa, W.J.E.M. (1998) Phylogeny and classification of Rivulidae revisited: origin and evolution of annualism and miniturization in rivulid fishes (Cyprinodontiformes: Aplocheiloidei). *Journal of Comparative Biology*, 3 (1), 33–92. [17 December, ref. 23792]
Costa, W.J.E.M. (2004a) Relationships and redescription of *Fundulus brasiliensis* (Cyprinodontiformes: Rivulidae), with description of a new genus and notes on the classification of the Aplocheiloidei. *Ichthyological Exploration of Freshwaters*, 15 (2), 105–120. [June, ref. 27763]
Costa, W.J.E.M. (2004b) *Kryptolebias*, a substitute name for *Cryptolebias* Costa, 2004 and Kryptolebiatinae, a substitute name for Cryptolebiatinae Costa, 2004. *Neotropical Ichthyology*, 2 (2), 107–108. [30 July, ref. 28584]
http://dx.doi.org/10.1590/s1679-62252004000200009
Costa, W.J.E.M. (2008) *Catalog of aplocheiloid killifishes of the world*. Universidade Federal do Rio de Janeiro. Departmento de Zoologia, Rio de Janeiro, 120 pp. [ref. 30126]
Costa, W.J.E.M. (2014) Phylogeny and evolutionary radiation in seasonal rachovine killifishes: biogeographical and taxonomical implications. *Vertebrate Zoology*, 64 (2), 177–192. [July]
Courtenay Jr., W.R. & Williams, J.D. (2004) *Snakeheads (Pisces, Channidae) - a biological synopsis and risk assessment*. Circular, U. S. Department of the Interior, Geological Survey, 1251, v + 143 pp. [ref. 27545]
Crowley, L.E.L.M. & Ivantsoff, W. (1991) Genetic similarity among populations of rainbowfishes (Pisces, Melanotaeniidae) from Atherton Tableland, northern Queensland. *Ichthyological Exploration of Freshwaters*, 2 (2), 129–137. [July, ref. 19166]
Cui, G.-H. & Li, Z.-Y. (1984) Description of a new cyprinid fish of the subfamily Barbinae from China. *Acta Zootaxonomica Sinica*, 9 (1), 110–112. [in Chinese, English summary] [January, ref. 8236]

Cuvier, G. (1816) *Le Règne Animal distribué d'après son organisation pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée. Les reptiles, les poissons, les mollusques et les annélides, Tome II*, Deterville, Paris, xviii + 532 pp., [Pls. 9–10] [November, ref. 993]
http://dx.doi.org/10.5962/bhl.title.41460

Cuvier, G. (1824) *Recherches sur les ossemens fossiles, où l'on rétablit les caractères de plusieurs animaux dont les révolutions du globe ont détruit les espèces. Nouvelle édition, Volume V, Part II*. G. Dufour et Ed. d'Ocagne, Paris / Amsterdam, 547 pp., 33 Pls. [ref. 32592]
http://dx.doi.org/10.5962/bhl.title.25237

Cuvier, G. (1829) *Le Règne Animal, distribué d'après son organisation, pour servir de base àl'histoire naturelle des animaux et d'introduction à l'anatomie comparée. Nouvelle édition, Tome II*, Deterville, Paris, 2, xv + 406 pp. [March, ref. 995]
http://dx.doi.org/10.5962/bhl.title.1964

Cuvier, G. & Valenciennes, A. (1828) *Histoire naturelle des poissons. Tome premier. Livre première. Tableau historique des progrès de l'ichthyologie, depuis son origine jusqu'a nos jours. Livre deuxième. Idée générale de la nature et de l'organisation des poissons*. Levrault, Paris, xvi + 573 pp. + 3 pp., Pls. 1–8 [double]. [xiv + 422 pp. in Strasbourg Edition] [October, ref. 4880]
http://dx.doi.org/10.5962/bhl.title.7339

Cuvier, G. & Valenciennes, A. (1847) *Histoire naturelle des poissons. Tome dix-neuvième. Suite du livre dix-neuvième. Brochets ou Lucioïdes. Livre vingtième. De quelques familles de Malacoptérygiens, intermédiaires entre les Brochets et les Clupes*. Bertrand, Paris, xix + 544 pp. + 6 pp., Pls. 554–590 [not 520–556] [Valenciennes authored volume, published as "1846"; xv + 391 pp. in Strasbourg Edition] [May, ref. 4883]
http://dx.doi.org/10.5962/bhl.title.7339

Daget, J., Gosse, J.-P. & Thys van den Audenaerde, D.F.E. (Editors) (1984) *Check-list of the freshwater fishes of Africa (Catalogue des poissons d'eau douce d'Afrique), CLOFFA volume 1*. ORSTOM Paris / MRAC Tervuren, xviii + 410 pp. [February, ref. 6168]

Daget, J., Gosse, J.-P. & Thys van den Audenaerde, D.F.E. (Editors) (1986) *Check-list of the freshwater fishes of Africa (Catalogue des poissons d'eau douce d'Afrique), CLOFFA volume 2*. ISNB Bruxelles / MRAC Tervuren / ORSTOM Paris, xiv + 520 pp. [April, ref. 6189]

Darden, T.L. (2008) Phylogenetic relationships and historical biogeography within the *Enneacanthus* sunfishes (Perciformes, Centrarchidae). *Copeia*, 2008 (3), 630–636. [10 September, ref. 29819]
http://dx.doi.org/10.1643/ci-06-063

Darovec Jr., J.E. (1983) Sciaenid fishes (Osteichthyes: Perciformes) of the Western Peninsula Florida. *Memoirs of Hourglass Cruises*, 6 (3), 1–73. [May, ref. 32508]

Day, F. (1865) *The fishes of Malabar*. Bernard Quaritch, London, xxxii + 293 pp. [after 27 August, ref. 1074]

Day, F. (1873) *Report on the fresh water fish and fisheries of India and Burma*. Office of the Superintendent of Government Printing, Calcutta, cccvii + 118 pp. [ref. 31917]

Day, F. (1878) *The fishes of India; being a natural history of the fishes known to inhabit the seas and fresh waters of India, Burma, and Ceylon*. Bernard Quaritch, London, Part IV, pp. i–xx + 553–778. [ref. 1080]
http://dx.doi.org/10.5962/bhl.title.55567

de Buen, F. (1926) *Catálogo ictiológico del Mediterráneo español y de Marruecos recopilando lo publicado sobre peces de las costas mediterránea y próximas del Atlántico (Mar de España)*. Resultado de las campañas realizadas por acuerdos internacionales, No. 2, 221 pp. [20 August, ref. 5054]

de Buen, F. (1935a) Fauna ictiológica. Catálogo de los peces ibéricos: de la planicie continental, aguas dulces, pelágicos y de los abismos próximos. Primera Parte. *Notas y Resúmenes, Serie II*, 88, 1–89, Pls. 1–20. [26 July, ref. 33085]

de Buen, F. (1935b) Fauna ictiológica. Catálogo de los peces ibéricos: de la planicie continental, aguas dulces, pelágicos y de los abismos próximos. Secunda Parte. *Notas y Resúmenes*, *Serie II*, 89, 91–149. [20 November, ref. 32856]

de Buen, F. (1959) Notas preliminares sobre la fauna marina preabismal de Chile, con descripción de una familia de rayas, dos géneros y siete especies nuevos. *Boletin del Museo Nacional de Historia Natural (Santiago de Chile)*, 27 (3), 171–201. [14 July, ref. 697]

de Pinna, M.C.C. (1992) A new subfamily of Trichomycteridae (Teleostei, Siluriformes), lower loricarioid relationships and a discussion on the impact of additional taxa for phylogenetic analysis. *Zoological Journal of the Linnean Society*, 106 (3), 175–229. [24 November, ref. 21084]
http://dx.doi.org/10.1111/j.1096-3642.1992.tb01247.x

de Pinna, M.C.C. (1996) A phylogenetic analysis of the Asian catfish families Sisoridae, Akysidae, and Amblycipitidae, with a hypothesis on the relationships of the neotropical Aspredinidae (Teleostei, Ostariophysi). *Fieldiana Zoology*, New Series, 84, i–iv + 1–83. [31 July, ref. 24146]
http://dx.doi.org/10.5962/bhl.title.5359

de Pinna, M.C.C., Ferraris Jr., C.J. & Vari, R.P. (2007) A phylogenetic study of the neotropical catfish family Cetopsidae (Osteichthyes, Ostariophysi, Siluriformes), with a new classification. *Zoological Journal of the Linnean Society*, 150 (4), 755-813. [1 August, ref. 29247]
http://dx.doi.org/10.1111/j.1096-3642.2007.00306.x

de Santana, C.D. (2003) *Apteronotus caudimaculosus* n. sp. (Gymnotiformes, Apteronotidae), a sexually dimorphic black

ghost knifefish from the Pantanal, western Brazil, with a note on the monophyly of the *A. albifrons* species complex. *Zootaxa*, 252, 1–11. [ref. 26978]

Decru, E., Snoeks, J. & Vreven, E. (2013) The true identity of the holotype of *Hepsetus odoe* and the names of the two West African species of *Hepsetus* (Teleostei, Hepsetidae). *Ichthyological Exploration of Freshwaters*, 24 (2), 187–192. [November, ref. 33014]

Decru, E., Vreven, E.J. & Snoeks, J. (2013) A revision of the Lower Guinean *Hepsetus* species (Characiformes; Hepsetidae) with the description of *Hepsetus kingsleyae* sp. nov.. *Journal of Fish Biology*, 82, 1351–1375. [March, ref. 32574] http://dx.doi.org/10.1111/jfb.12079

DeKay, J.E. (1842) *Zoology of New-York, or the New-York fauna; comprising detailed descriptions of all the animals hitherto observed within the state of New-York, with brief notices of those occasionally found near its borders, and accompanied by appropriate illustrations. Part IV. Fishes (Natural History of New York)*. W. & A. White & J. Visscher, Albany, xv + 415 pp. Plates in separate volume, 79 Pls. fishes [most in color] [ref. 1098] http://dx.doi.org/10.5962/bhl.title.13735

del Cerro, L. & Lloris, D. (1997) Gurnard fishes (Scorpaeniformes, Triglidae) from off New Caledonia, with description of five new species. No. 6. In: Séret, B. (Editor), Résultats des Campagnes MUSORSTOM 17. *Mémoires du Muséum National d'Histoire Naturelle, Paris (N. S.) (Série A) Zoologie*, 174, 91–124. [ref. 22944]

Deraniyagala, P.E.P. (1929) Ceylon sardines. *Spolia Zeylanica (The Ceylon Journal of Science, Section B. Zoology & Geology)*, 15 (1), 31–47, Pls. 13–18. [21 March, ref. 1115]

Deraniyagala, P.E.P. (1952) *A colored atlas of some vertebrates from Ceylon, Volume One Fishes*. The Ceylon Government Press, Ceylon National Museums, xii + 149 pp., Pl. A + 34 Pls. [January, ref. 12768]

Derijst, E. (1989) Annotations to the original descriptions dates and bibliographical references of the genera *Melanotaenia* and *Pseudomugil* Kner, with comment to the validity of the family-group names Pseudomugilidae, Zanteclidae, Neoatherinidae and Melanotaeniidae. *Rainbowfish Magazine*, 66–70. [4 January, ref. 12460]

Derome, N., Chen, W.-J., Dettaï, A., Bonello, C. & Lecointre, G. (2002) Phylogeny of Antarctic dragonfishes (Bathydraconidae, Notothenioidei, Teleostei) and related families based on their anatomy and two mitochondrial genes. *Molecular Phylogenetics and Evolution*, 24 (1), 139–252. [July, ref. 33082] http://dx.doi.org/10.1016/S1055-7903(02)00223-3

Desoutter, M. (1973) Kyphosidae (pp. 420–421), Acanthuridae (p. 455). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7203]

Desoutter, M., Chapleau, F., Munroe, T.A., Chanet, B. & Beaunier, M. (2001) Catalogue critique des types de poissons du Muséum national d'Histoire naturelle (suite) Ordre des Pleuronectiformes. *Cybium*, 25 (4), 299–368. [31 December, ref. 25922]

Dhanze, J. R. & Sen, N. (1993) A morphometric study of *Channa punctata* (Bloch) (Pisces, Channidae). *Records of the Zoological Survey of India*, 90 (1/4), 47–56. [March, ref. 24018]

Diogo, R. (2003) Anatomy, Phylogeny and Taxonomy of Amphiliidae. *In*: Arratia, G., Kapoor, B.G., Chardon, M. & Diogo, R. (Editors), *Catfishes*. Science Publishers, Infield, pp. 353–384. [ref. 26979]

Diogo, R., Chardon, M. & Vandewalle, P. (2003) On the osteology and myology of the cephalic region and pectoral girdle of *Heteropneustes fossilis* (Siluriformes, Heteropneustidae), with comments on the phylogenetic relationships between *Heteropneustes* and the clariid catfishes. *Animal Biology*, 53 (4), 379–396. [ref. 27438] http://dx.doi.org/10.1163/157075603322556283

Doadrio, I. & Domínguez, O. (2004) Phylogenetic relationships within the fish family Goodeidae based on cytochrome *b* sequence data. *Molecular Phylogenetics and Evolution*, 31 (2), 416–430. [May, ref. 32211] http://dx.doi.org/10.1016/j.ympev.2003.08.022

Dollo, L. (1908) *Notolepis coatsi*, poisson pélagique nouveau recueilli par l'Expédition Antarctique Nationale Ecossaise. Note préliminaire. *Proceedings of the Royal Society of Edinburgh*, 28 (1), 58–65. [10 January, ref. 1136]

Dorofeyeva, E.A. (1989) Osnovnye printsipy klassifi katsii i filogenii lososevykh ryb (Salmoniformes, Salmonoidei, Salmonidae) [The basic principals of classification and phylogeny of the salmonid fishes (Salmoniformes: Salmonidae: Salmoninae)] (Biologiya i filogeniya ryb [Biology and phylogeny of fishes]). *Trudy Zoologicheskogo Instituta Akademiia nauk Soiuza Sovetskikh Sotsialisticheskikh Respublik [Proceedings of the Zoological Institute of the USSR Academy of Sciences, St. Petersburg]*, 201, 5–16. [in Russian, short English abstract. Author also seen as Dorofeeva] [after 29 August, ref. 32609]

Driver, C.S. (1919) On the Luciopimelodinae, a new subfamily of the South American Siluridae. *Proceedings of the American Philosophical Society*, 58 (7), 448–456, Pls. 2–3. [ref. 12423]

Dubois, A. (2005) Proposed rules for the incorporation of nomina of higher-ranked zoological taxa in the International Code of Zoological Nomenclature. 1. Some general questions, concepts and terms of biological nomenclature. *Zoosystema*, 27 (2), 365–426.

Dubois, A. (2006a) Incorporation of nomina of higher-ranked taxa into the International Code of Zoological Nomenclature: some basic questions. *Zootaxa*, 1337, 1–37.

Dubois, A. (2006b) Proposed rules for the incorporation of nomina of higher-ranked zoological taxa in the International Code of Zoological Nomenclature. 2. The proposed rules and their rationale. *Zoosystema*, 28 (1), 165–258.

Dubois, A. (2006c) New proposals for naming lower-ranked taxa within the frame of the International Code of Zoological Nomenclature. *Comptes Rendus Biologies*, 329, 823–840.
http://dx.doi.org/10.1016/j.crvi.2006.07.003
Dubois, A. (2010) Retroactive changes should be introduced in the Code only with great care: problems related to the spellings of nomina. *Zootaxa*, 2426, 1–42.
Dubois, A. & Bour, R. (2010) The distinction between family-series and class-series nomina in zoological nomenclature, with emphasis on the nomina created by Batsch (1788, 1789) and on the higher nomenclature of turtles. *Bonn Zoological Bulletin*, 57 (2), 149–171.
Duffy, J.M. & Bernard, H.J. (1985) Milkfish, *Chanos chanos* (Forsskål, 1775), taken in southern California adds new family (Chanidae) to the California marine fauna. *California Fish and Game*, 71 (2), 122–125. [April, ref. 22646]
Duméril, A.M.C. (1805) *Zoologie analytique, ou méthode naturelle de classification des animaux*. Allais, Paris, xxxiii + 344 pp. [ref. 1151]
http://dx.doi.org/10.5962/bhl.title.11646
Dumitrescu, M., Bănărescu, P.M. & Stoica, N. (1957) *Romanichthys valsanicola* nov. gen. nov. sp. (Pisces, Percidae). *Travaux du Muséum d'Histoire Naturelle "Grigore Antipa"*, 1, 225–244. [in German, with Romanian & Russian summaries] [ref. 1155]
Duncker, G. (1912) Die Gattungen der Syngnathidae. *Mitteilungen aus dem Naturhistorischen (Zoologischen) Museum in Hamburg*, 29, 219–240. [22 November, ref. 1156]
Duncker, G. & Mohr, E. (1926) Die Fische der Südsee-Expedition der Hamburgischen Wissenschaftlichen Stiftung 1908–09. 2. Teil (Belonidae, Hemirhamphidae, Exocoetidae, Polynemidae, Sphyraenidae, Mugilidae, Atherinidae, Melanotaeniidae). *Mitteilungen aus dem Zoologischen Staatsinstitut und Zoologischen Museum in Hamburg*, 42, 126–136. [ref. 15585]
Dunn, J.R. (1989) A provisional phylogeny of gadid fishes based on adult and early life–history characters. *Natural History Museum of Los Angeles County, Science Series*, 32, 209–235. [ref. 16039]
Dunz, A.R. & Schliewen, U.K. (2010) Description of a new species of *Tilapia* Smith, 1840 (Teleostei, Cichlidae) from Ghana. *Zootaxa*, 2548, 1–21. [26 July, ref. 30890]
Dunz, A.R. & Schliewen, U.K. (2013) Molecular phylogeny and revised classification of the haplotilapiine cichlid fishes formerly referred to as "*Tilapia*". *Molecular Phylogenetics and Evolution*, 68 (1),64–80. [1 July, ref. 32672]
http://dx.doi.org/10.1016/j.ympev.2013.03.015
Dybowski, B.N. (1862) Versuch einer Monographie der Cyprinoiden Livlands, nebst einer synoptischen Aufzählung der europäischen Arten dieser Familie. *Archiv für der Naturkunde Liv-, Ehst- und Kurlands. Zweite Serie. Biologische Naturkunde*, 6, 133–362, Pls. 1–6, 6A. [Apparently separate published in 1862, Heinrich Laakmann, Dorpat, xviii + 215 pp. + 2 unnumbed, pls. 1–7] [ref. 1168]
http://dx.doi.org/10.5962/bhl.title.14430
Dyer, B.S. (1997) Phylogenetic revision of Atherinopsinae (Teleostei, Atherinopsidae), with comments on the systematics of the South American freshwater fish genus *Basilichthys* Girard. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 185, 1–64. [8 November, ref. 23262]
Dyer, B.S. (1998) Phylogenetic systematics and historical biogeography of the neotropical silverside family Atherinopsidae (Teleostei, Atheriniformes). *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 519–536. [ref. 23858]
Dyer, B.S. (2000) Revision sistematica de los pejerreyes de Chile (Teleostei, Atheriniformes) [Systematic review of the silverside fishes of Chile (Teleostei, Atheriniformes)] *Estudios Oceanologicos*, 19, 99–127. [in Spanish, English abstract] [ref. 26677]
Dyer, B.S. & Chernoff, B. (1996) Phylogenetic relationships among atheriniform fishes (Teleostei: Atherinomorpha). *Zoological Journal of the Linnean Society*, 117, 1–69. [ref. 23238]
http://dx.doi.org/10.1111/j.1096-3642.1996.tb02148.x
Ebert, D.A., Compagno, L.J.V. & De Vries, M.J. (2011) A new lanternshark (Squaliformes, Etmopteridae, *Etmopterus*) from southern Africa. *Copeia*, 2011 (3), 379–384. [ref. 31551]
http://dx.doi.org/10.1643/ci-09-183
Ebert, D.A., White, W.T. & Ho, H.-C. (2013) Redescription of *Hexanchus nakamurai* Teng 1962 (Chondrichthyes, Hexanchiformes, Hexanchidae), with designation of a neotype. *Zootaxa*, 3752 (1), 20–34. [24 December, ref. 33032]
http://dx.doi.org/10.11646/zootaxa.3752.1.4
Eddy, S. & Surber, T. (1947) *Northern fishes with special references to the Upper Mississippi Valley, revised edition*. The University of Mississippi Press. Minneapolis, xii + 276 pp. [ref. 32625]
http://dx.doi.org/10.5962/bhl.title.6528
Eichwald, C.E. von (1831) *Zoologia specialis quam expositis animalibus tum vivis, tum fossilibus potissimum Rossiae, in universam, et Poloniae in specie, ... Wilna*. Pars posterior [3], 404 pp. [3 parts in 2 vols., 1829–31, Pisces are pp. 57–116] [ref. 5562]
http://dx.doi.org/10.5962/bhl.title.51803
Eigenmann, C.H. (1890a) The evolution of catfishes. *Zoe, A Biological Journal*, 1 (1), 10–15. [March, ref. 31918]
Eigenmann, C.H. (1890b) The Point Loma blind fish and its relatives. *Zoe, A Biological Journal*, 1 (3), 65–72, Pls. 2–3. [ref.

27063]
Eigenmann, C.H. (1903) (9 December) New genera of South American fresh-water fishes, and new names for old genera. *Smithsonian Miscellaneous Collections*, 45, 144–148. [ref. 1218]
Eigenmann, C.H. (1907) Fowler's "Heterognathous Fishes" with a note on the Stethaprioninae. *American Naturalist*, 41 (492), 767–772. [December, ref. 1220]
http://dx.doi.org/10.1086/278878
Eigenmann, C.H. (1909a) Reports on the expedition to British Guiana of the Indiana University and the Carnegie Museum, 1908. Report 1. Some new genera and species of fishes from British Guiana. *Annals of the Carnegie Museum*, 6 (1), 4–54. [17 August, ref. 1222]
Eigenmann, C.H. (1909b) Part III The Fresh water fishes of Patagonia and an examination of the Archiplata-Archhelenis theory. *In:* Scott, W. B. (Editor), *Reports of the Princeton University Expeditions to Patagonia, 1896–1899. Volume III Zoölogy*, pp. 225–374, Pls. 30–37. [ref. 1223]
Eigenmann, C.H. (1910) Part IV Catalogue of the fresh-water fishes of tropical and south temperate America. *In:* Scott, W. B. (Editor), *Reports of the Princeton University Expeditions to Patagonia, 1896–1899. Volume III Zoölogy*, pp. 375–511. [also as a separate, issued 12 February1910 as: Catalog and bibliography of ..; *Contributions from the Zoölogical Laboratory of Indiana University* No. 76. Original possibly published in 1909] [12 February, ref. 1224]
Eigenmann, C.H. (1912) The freshwater fishes of British Guiana, including a study of the ecological grouping of species, and the relation of the fauna of the plateau to that of the lowlands. *Memoirs of the Carnegie Museum*, 5 (1), i–xxii + 1–578, Pls. 1–103. [June, ref. 1227]
http://dx.doi.org/10.5962/bhl.title.4686
Eigenmann, C.H. (1913) Some results from an ichthyological reconnaissance of Colombia, South America. Part II. [includes 5 separate subtitles] (*Contributions from the Zoölogical Laboratory of Indiana University*, No. 131). *Indiana University Studies*, No. 18, 1–32. [3 June, ref. 1229]
Eigenmann, C.H. (1914) Some results from studies of South American fishes. II. The Glandulocaudinae (a new subfamily of characid fishes with innate potentialities for sexual dimorphism). (*Contributions from the Zoölogical Laboratory of Indiana University*, No. 135). *Indiana University Studies*, No. 20: 32–42. [15 March, ref. 12389]
Eigenmann, C.H. (1915) The Cheirodontinae, a subfamily of minute characid fishes of SouthAmerica. *Memoirs of the Carnegie Museum*, 7 (1), 1–99, Pls. 1–17. [December, ref. 1231]
http://dx.doi.org/10.5962/bhl.title.46579
Eigenmann, C.H. (1917) The American Characidae [Part 1] *Memoirs of the Museum of Comparative Zoology*, 43 (1), 1–102, 16 pls. (August, ref. 1236]
Eigenmann, C.H. (1918) The Pygidiidae, a family of South American catfishes. *Memoirs of the Carnegie Museum*, 7 (5), 259–398, Pls. 36–56. [September, ref. 1239]
http://dx.doi.org/10.5962/bhl.title.43951
Eigenmann, C.H. (1922) The fishes of western South America, Part I. The fresh-water fishes of northwestern South America, including Colombia, Panama, and the Pacific slopes of Ecuador and Peru, together with an appendix upon the fishes of the Rio Meta in Colombia. *Memoirs of the Carnegie Museum*, 9 (1), 1–346, Pls. 1–38. [October, ref. 1243]
Eigenmann, C.H. (1927) The American Characidae. *Memoirs of the Museum of Comparative Zoology*, 43 (4), 311–428, 24 pls. (variously numbered). [May, ref. 12292]
Eigenmann, C.H. & Eigenmann, R.S. (1888) American Nematognathi. *American Naturalist*, 22 (259), 647–649. [July, ref. 32183]
Eigenmann, C.H. & Eigenmann, R.S. (1890) A revision of the South American Nematognathi or cat-fishes. *Occasional Papers California Academy of Sciences*, 1, 1–508 + errata and map. [July, ref. 12251]
http://dx.doi.org/10.5962/bhl.title.30137
Eigenmann, C.H., McAtee, W.L. & Ward, D.P. (1907) On further collections of fishes from Paraguay. *Annals of the Carnegie Museum*, 4 (2), 110–157, Pls. 31–45. [July, ref. 1261]
Eigenmann, C.H. & Myers, G.S. (1929) The American Characidae [Part 5, and incl. supplement by G.S. Myers, pp. 516–550] *Memoirs of the Museum of Comparative Zoology*, 43 (5), 429–558, Pls. 57, 63, 70–74, 81–83, 94. [September, ref. 1263]
Ellis, M.M. (1914) Fishes of Colorado. *The University of Colorado Studies*, 11 (1), 5–136, Pls. 1–12. [March, ref. 32599]
Ellis, R. (1989) *The book of sharks*. 2nd Edition, Knopf, New York, 224 pp. [ref. 32830]
Endo, H. (2002) Phylogeny of the Order Gadiformes (Teleostei, Paracanthopterygii). *Memoirs of the Graduate School of Fisheries Sciences, Hokkaido University*, 49 (2), 75–149. [ref. 26606]
Eschmeyer, W.N. (1990) *Catalog of the genera of Recent fishes*. California Academy of Sciences, San Francisco, v + 697 pp. [ref. 23276]
Eschmeyer, W.N. (Editor) (1998) *Catalog of Fishes*. Center for Biodiversity Research and Information, Special Publication 1. California Academy of Sciences, San Francisco, vols. 1–3, 2905 pp. [May, ref. 23416]
Eschmeyer, W.N. & Collette, B.B. (1966) The scorpionfish subfamily Setarchinae, including the genus *Ectreposebastes*. *Bulletin of Marine Science*, 16 (2), 349–375. [June, ref. 6485]
Evermann, B.W. & Goldsborough, E.L. (1907) The fishes of Alaska. *Bulletin of the Bureau of Fisheries*, 26 (Doc. 624) (for 1906), 219–360, Pls. 14–42. [6 December, ref. 6532]
Evermann, B.W. & Seale, A. (1907) Fishes of the Philippine Islands. *Bulletin of the Bureau of Fisheries*, 26 (607) (for 1906),

49–110. [11 January, ref. 1285]
Evseenko, S.A. (1984) Novye rod i vid "bezrukikh" kambal *Pseudomancopsetta andriashevi* gen. et sp. nov. (Pleuronectiformes) i ikh polozhenie v sisteme podotryada Kambalovidnykh [A new genus and species of lefteye flounder, *Pseudomancopsetta andriashevi*, and their position in the suborder Pleuronectoidei]. *Voprosy Ikhtiologii*, 24 (5), 709–717. [in Russian, English translation in *Journal of Ichthyology*, 25 (1), 1–9] [ref. 5978]
Evseenko, S.A. (2004) Family Pleuronectidae Cuvier 1816 - righteye flounders. *California Academy of Sciences Annotated Checklists of Fishes*, 37, 1–37. [February, ref. 27606]
Facciolà, L. (1883) Note sui pesci dello stretto di Messina. I. Su di alcune specie nuove o poco note. *Il Naturalista Siciliano, Giornale di scienze naturali*, 2 (7), 145–148. [1 April, ref. 1289]
Fedorov, V.V. (1967) Description of *Notosudis adleri* sp. n. (Pisces, Notosudidae), a new species from the Bering Sea. *Voprosy Ikhtiologii*, 7, 967–978. [in Russian] [ref. 7958]
Fedorov, V.V. & Sheiko, B.A. (1988) Vtoraya poimka *Andriashevia aptera* (Zoarcidae) u beregov Yaponii [A second capture of *Andriashevia aptera* (Zoarcidae) off Japanese coasts. (Systematics, morphology and ecology of fishes)]. *Trudy Zoologicheskogo Instituta Akademiia nauk Soiuza Sovetskikh Sotsialisticheskikh Respublik [Proceedings of the Zoological Institute of the USSR Academy of Sciences / Travaux de l'Institut zoologique de l'Académie des sciences de l'URSS / Akademiia nauk Soiuza Sovetskikh Sotsialisticheskikh Respublik]*, 181, 117–120. [in Russian, English summary] [August, ref. 12755]
Fernández-Yépez, A. (1948) Los curimatidos (peces fluviales de Sur América). Catalogo descriptivo connuevas adiciones genericas y especificas. *Boletin Taxonómico (Ministerio de Agricultura y Cría. Laboratorio de Pesquería, Caiguire, Venezuela)*, 1, 1–79 + table + index. [ref. 1316]
Fernández-Yépez, A. (1950) Notas sobre la fauna ictiológica de Venezuela. *Memoria de la Sociedad de Ciencias Naturales La Salle*, 10 (26), 111–118. [ref. 12888]
Fernández-Yépez, A. (1951) Presencia de Chaetobranchus en Venezuela. *Evencias*, 11. 4 unnumbered pp. [ref. 32241]
Fernández-Yépez, A. (1965) Contribución al conocimiento de los peces de Venezuela, dieciséis especies nuevas para Venezuela. *Evencias*, 18, unnumbered [1–12] [ref. 33058]
Fernández-Yépez, A. & Antón, J.R. (1966) *Estudio (analisis) ictiologico "Las Majaguas"*. Direccion de Obras Hidraulicas, Ministerio de Obras Publicas, Republica de Venezuela, 107 pp. [July, ref. 33059]
Fernández-Yépez, A. & Martín Salazar, F.J. (1953) Apuntes sobre la ictiologia de Perija. *Memoriade la Sociedad de Ciencias Naturales La Salle*, 13 (35), 227–243. [ref. 12693]
Fernholm, B., Norén, M., Kullander, S.O., Quattrini, A.M., Zintzen, V., Roberts, C.D., Mok, H.-K. & Kuo, C.-H. (2013) Hagfish phylogeny and taxonomy, with description of the new genus *Rubicundus* (Craniata, Myxinidae). *Journal of Zoological Systematics and Evolutionary Research,* 51 (4), 296–307. ([19 July, ref. 32793] http://dx.doi.org/10.1111/jzs.12035
Ferraris Jr., C.J. (2007) Checklist of catfishes, recent and fossil (Osteichthyes, Siluriformes), and catalogue of siluriform primary types. *Zootaxa*, 1418, 1–628. [ref. 29155]
Ferraris Jr., C.J. & de Pinna, M.C.C. (1999) Higher-level names for catfishes (Actinopterygii: Ostariophysi: Siluriformes). *Proceedings of the California Academy of Sciences*, 51 (1), 1–17. [29 March, ref. 32488]
Fierstine, H.L., Huddleston, R.W. & Takeuchi, G.T. (2012) Catalog of the neogene bony fishes of California. *Occasional Papers of the California Academy of Sciences*, 159, 1–206. [20 January]
Findeis, E.K. (1997) Osteology and phylogenetic interrelationships of sturgeons (Acipenceridae). *Environmental Biology of Fishes*, 48, 73–126. [ref. 32590] http://dx.doi.org/10.1007/0-306-46854-9_5
Fishelson, L. & Galil, B.S. (2001) Gonad structure and reproductive cycle in the deep-sea hermaphrodite tripodfish, *Bathypterois mediterraneus* (Chlorophthalmidae, Teleostei). *Copeia*, 2001 (2), 556–560. [1 May, ref. 25283] http://dx.doi.org/10.1643/0045-8511(2001)001[0556:gsarci]2.0.co;2
Fitzinger, L.J.F.J. (1832) Ueber die Ausarbeitung einer Fauna des Erzherzogthumes Oesterreich, nebst einer systematischen Aufzählung der in diesem Lande vorkommenden Säugethiere, Reptilien und Fische, als Prodrom einer Fauna derselben. *Beiträge zur Landeskunde Österreichs unter der Enns*, 1, 280–340.
Fitzinger, L.J.F. (1873) Versuch einer natürlichen Classification der Fische. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften, Mathematisch-Naturwissenschaftlichen Classe*, 67, 5–58. [ref. 31883] http://www.biodiversitylibrary.org/item/34265
Fleming, J. (1822) *The philosophy of zoology; or a general view of the structure, functions, and classification of animals Volume 2*. Archibald Constable & Co., Edinburgh, 618 pp. [ref. 5063] http://dx.doi.org/10.5962/bhl.title.40282
Fontaine, M. (1958) Classe des cyclostomes, biologie. *In:* Grassé, P.P. (Editor), *Traité de Zoologie Tome 13 Fascicule 1*, Masson & Cie, Paris, pp. 111-172.
Fourmanoir, P. (1973) Notes ichthyologiques (V). *Cahiers O. R. S. T. O. M. (Office de la Recherche Scientifique et Technique Outre-Mer) Série Océanographie*, 11 (1), 33–39. [ref. 7563]
Fourmanoir, P. (1981) Résultats des Campagnes Musorstom. 1. Philippines (18–28 mars 1976). Poissons (première liste). *Mémoires de l'ORSTOM (Office de la Recherche Scientifique et Technique Outre-Mer)*, 91, 85–102. [ref. 8484]
Fowler, H.W. (1901) Note on the Odontostomidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 53,

211–212. [7 May, ref. 1359]
Fowler, H.W. (1904) A collection of fishes from Sumatra. *Journal of the Academy of Natural Sciences, Philadelphia, Second series*, 12 (4), 495–560, Pls. 7–28. [ca. 10 June, ref. 1367]
http://dx.doi.org/10.5962/bhl.title.47093
Fowler, H.W. (1905a) New, rare or little known scombroids. No. 1. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 56 (for 1904), 757–771. [16–31 January, ref. 1368]
Fowler, H.W. (1905b) Some fishes from Borneo. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 57, 455–523. [14–21 August, ref. 1370]
Fowler, H.W. (1906a) Some cold-blooded vertebrates of the Florida Keys. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 58, 77–113, Pls. 3–4. [29 May–20 June, ref. 1371]
Fowler, H.W. (1906b) New, rare or little known scombroids, No. 3. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 58, 114–122. [20 June, ref. 1372]
Fowler, H.W. (1906c) Further knowledge of some heterognathous fishes. Part I. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 58, 293–351. [22 September, ref. 1373]
Fowler, H.W. (1906d) The fishes of New Jersey. *Annual Report of the New Jersey State Museum*, Part 2 (for 1905), 35–477, frontispiece + Pls. 1–103. [ref. 7112]
http://www.biodiversitylibrary.org/item/47538
Fowler, H.W. (1907a) A supplementary account of the fishes of New Jersey. *Annual Report the New Jersey State Museum*, Part 3. (for 1906), 251–350, Pls. 70–122. [ref. 32852]
http://www.biodiversitylibrary.org/item/47545
Fowler, H.W. (1907b) Further knowledge of some heterognathous fishes. Part II. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 58, 431–483. [7–16 January, ref. 1374]
Fowler, H.W. (1907c) Records of Pennsylvania fishes. *American Naturalist*, 41 (481), 5–21. [January, ref. 32671]
http://dx.doi.org/10.1086/278698
Fowler, H.W. (1907d) Some new and little-known percoid fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 58 (for 1906), 510–528. [19 February, ref. 1375]
Fowler, H.W. (1907e) Notes on Serranidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 59, 249–269. [16 August, ref. 1376]
Fowler, H.W. (1911) New fresh-water fishes from western Ecuador. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 63, 493–520. [28 October – 6 November, ref. 1384]
Fowler, H.W. (1913) Fishes from the Madeira River, Brazil. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 65, 517–579. [19–22 November, ref. 1389]
Fowler, H.W. (1914) Fishes from the Rupununi River, British Guiana. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 66, 229–284. [3 June, ref. 1390]
Fowler, H.W. (1915) Notes on nematognathous fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 67, 203–243. [28 May, ref. 1392]
Fowler, H.W. (1916a) The sharks of the middle Atlantic states. *Copeia,* 1916 (30), 36. [24 April, ref. 33047]
http://www.jstor.org/stable/1435605
Fowler, H.W. (1916b) Notes on fishes of the orders Haplomi and Microcyprini. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 68, 415–439. [14–30 August, ref. 1394]
Fowler, H.W. (1925) New taxonomic names of West African marine fishes. *American Museum Novitates*, 162, 1–5. [31 March, ref. 1401]
Fowler, H.W. (1928) The fishes of Oceania. *Memoirs of the Bernice P. Bishop Museum*, 10, i–iii + 1–540, Pls. 1–49. [ref. 5596]
Fowler, H.W. (1930a) A synopsis of the fishes of China. Part I. The sharks, rays and related fishes. *Hong Kong Naturalist*, 1 (1), 24–34. [January, ref. 32513]
Fowler, H.W. (1930b) Notes on percoid and related fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 81 (for 1929), 633–657. [3 March, ref. 1405]
Fowler, H.W. (1931a) Contributions to the biology of the Philippine Archipelago and adjacent regions. The fishes of the families Pseudochromidae ... and Teraponidae, collected by .. steamer "Albatross", chiefly in Philippine seas and adjacent waters. *Bulletin of the United States National Museum No. 100*, 11, i–xi + 1–388. [21 March, ref. 1407]
Fowler, H.W. (1931b) A synopsis of the fishes of China. Part II (continued). The herrings and related fishes. *Hong Kong Naturalist*, 2 (2), 111–123. [May, ref. 32510]
Fowler, H.W. (1931c) A synopsis of the fishes of China. Part II concluded. The herrings and related fishes. *Hong Kong Naturalist*, 2 (3), 198–208. [September, ref. 32511]
Fowler, H.W. (1932a) A synopsis of the fishes of China. Part III. The eels. *Hong Kong Naturalist*, 3 (1), 46–63. [March, ref. 32515]
Fowler, H.W. (1932b) Zoological results of the Matto Grosso Expedition to Brazil in 1931, I. Fresh-water fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 84, 343–377. [18 August, ref. 16366]
Fowler, H.W. (1933) Contributions to the biology of the Philippine Archipelago and adjacent regions. The fishes of the families Banjosidae ... Enoplosidae collected by the United States Bureau of Fisheries steamer "Albatross", chiefly in Philippine seas and adjacent waters. *Bulletin of the United States National Museum No. 100*, 12, i–vi + 1–465. [19 May, ref. 1414]

Fowler, H.W. (1934a) Descriptions of new fishes obtained 1907 to 1910, chiefly in the Philippine Islands and adjacent seas. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 85 (for 1933), 233–367. [20 January, ref. 1416]
Fowler, H.W. (1934b) Errata: descriptions of new fishes obtained 1907 to 1910 in the Philippine Islands and adjacent seas. [errata for ref. 1416]. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 86, 163. [30 April, ref. 32669]
Fowler, H.W. (1934c) Zoological results of the third De Schauensee Siamese Expedition, Part V. Additional fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 86, 335–352. [25 June, ref. 1418]
Fowler, H.W. (1934d) Fishes obtained by Mr. H.W. Bell-Marley chiefly in Natal and Zululand in 1929 to 1932. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 86, 405–514. [6 November, ref. 1419]
Fowler, H.W. (1934e) A synopsis of the fishes of China. Part V continued. The cods, opahs, flounders, soles, john dories, berycoids, pipe fishes, silversides, mullets, barracudas and thread fishes. *Hong Kong Naturalist*, 5 (4), 304–319. [December, ref. 32514]
Fowler, H.W. (1935a) Scientific results of the Vernay-Lang Kalahari expedition, March to September, 1930. Fresh-water fishes. *Annals of the Transvaal Museum*, 16 (2), 251–293, Pls. 6–9. [21 February, ref. 1423]
Fowler, H.W. (1935b) Zoological results of the third De Schauensee Siamese Expedition, Part VI. Fishes obtained in 1934. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 87, 89–163. [24 June, ref. 13881]
Fowler, H.W. (1936a) The marine fishes of West Africa based on the collection of the American Museum Congo expedition, 1909–1915. Part I. *Bulletin of the American Museum of Natural History*, 70 (1), 1–605. [21 January, ref. 6545]
Fowler, H.W. (1936b) A synopsis of the fishes of China. Part VI continued. The mackerels and related fishes. *Hong Kong Naturalist*, 7 (2), 186–202. [June, ref. 32512]
Fowler, H.W. (1936c) The marine fishes of West Africa based on the collection of the American Museum Congo expedition, 1909–1915. Part II. *Bulletin of the American Museum of Natural History*, 70 (2),607–1493. [18 November, ref. 6546]
Fowler, H.W. (1938a) Descriptions of new fishes obtained by the United States Bureau of Fisheries steamer "Albatross", chiefly in Philippine seas and adjacent waters. *Proceedings of the United States National Museum*, 85 (3032), 31–135. [23 May, ref. 1426]
http://dx.doi.org/10.5479/si.00963801.85-3032.31
Fowler, H.W. (1938b) The fishes of the George Vanderbilt South Pacific Expedition, 1937. *Monographs of the Academy of Natural Sciences of Philadelphia*, 2, i–v + 1–349. [14 October, ref. 1428]
Fowler, H.W. (1939) New subfamilies, genera and subgenera of fishes. *Notulae Naturae (Philadelphia)*, 26, 1–2. [31 August, ref. 1430]
Fowler, H.W. (1940) Zoological results of the second Bolivian expedition for the Academy of Natural Sciences of Philadelphia, 1936–1937. Part I. The fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 92, 43–103. [22 October, ref. 1436]
Fowler, H.W. (1941a) Contributions to the biology of the Philippine archipelago and adjacent regions. The fishes of the groups Elasmobranchii, Holocephali, Isospondyli, and Ostariophysi obtained by the United States"Albatross" in 1907 to 1910, chiefly in the Philippine Islands and adjacent seas. *Bulletin of the United States National Museum No. 100*, 13, i–x + 1–879. [10 March, ref. 6536]
http://www.biodiversitylibrary.org/page/7679360
Fowler, H.W. (1941b) New fishes of the family Callionymidae, mostly Philippine, obtained by the United States Bureau of Fisheries steamer "Albatross." *Proceedings of the United States National Museum*, 90 (3106), 1–31. [8 April, ref. 1439]
http://dx.doi.org/10.5479/si.00963801.90-3106.1
Fowler, H.W. (1943a) Contributions to the biology of the Philippine Archipelago and adjacent regions. Descriptions and figures of new fishes obtained in Philippine seas and adjacent waters by the United States Bureau of Fisheries steamer "Albatross." *Bulletin of the United States National Museum No. 100*, 14 (pt 2), i–iii + 53–91. [19 July, ref. 1441]
Fowler, H.W. (1943b) Notes and descriptions of new or little known fishes from Uruguay. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 95, 311–334. [31 December, ref. 1444]
Fowler, H.W. (1944a) Results of the fifth George Vanderbilt expedition (1941) (Bahamas, Caribbean Sea, Panama, Galápagos Archipelago and Mexican Pacific islands). The Fishes. *Monographs of the Academy of Natural Sciences of Philadelphia*, 6, 57–529. [25 August, ref. 1448]
Fowler, H.W. (1944b) Fishes obtained in the New Hebrides by Dr. Edward L. Jackson. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 96, 155–199. [8 September, ref. 1451]
Fowler, H.W. (1945a) Descriptions of two new fresh-water fishes from Colombia. *Notulae Naturae (Philadelphia)*, 158, 1–11. [2 November, ref. 13140]
Fowler, H.W. (1945b) Colombian zoological survey. Part I. The freshwater fishes obtained in 1945. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 97, 93–135. [30 November, ref. 1454]
Fowler, H.W. (1947) New taxonomic names of fish-like vertebrates. *Notulae Naturae (Philadelphia)*, 187, 1–16. [21 February, ref. 1458]
Fowler, H.W. (1948) Os peixes de água doce do Brasil. Volume 1. 1a entraga. *Arquivos de Zoologia do Estado de São Paulo*, 6, 1–204. [30 April, ref. 5600]
Fowler, H.W. (1949) The fishes of Oceania - Supplement 3. *Memoirs of the Bernice P. Bishop Museum*, 12 (2), 37–186. [ref. 1462]
Fowler, H.W. (1950) Os peixes de água doce do Brasil. Volume 1. 2a entrago. *Arquivos de Zoologia do Estado de São Paulo*,

6, 205–404. [22 December, ref. 18869]
Fowler, H.W. (1951a) Analysis of the fishes of Chile. *Revista Chilena de Historia Natural (Santiago)*, 51–53 (1947–1949), 263–326. [ref. 12694]
Fowler, H.W. (1951b) Some new or emended names of fish-like vertebrates. *The Fish Culturist*, 30 (10, suppl.), 1–4. [ref. 31928]
Fowler, H.W. (1953) A synopsis of the fishes of China. Part VII. The perch-like fishes (continued). *Quarterly Journal of the Taiwan Museum (Taipei)*, 6 (1), 1–77. [ref. 31903]
Fowler, H.W. (1954) Os peixes de água doce do Brasil. Volume 2. 4a entraga. *Arquivos de Zoologia do Estado de São Paulo*, 9, i–ix + 1–400. [ref. 1465]
Fowler, H.W. (1956a) A synopsis of the fishes of China. Part VII. The perch-like fishes (completed). *Quarterly Journal of the Taiwan Museum (Taipei)*, 9 (3/4), 161–354. [ref. 1469]
Fowler, H.W. (1956b) *Fishes of the Red Sea and southern Arabia. I. Branchiostomida to Polynemida*. Weizmann Sci. Press, Jerusalem, 240 pp. [date on cover 1956, possibly published in 1957] [ref. 1468]
http://dx.doi.org/10.1080/00222935708656033
Fowler, H.W. (1958a) *Some emended fish names*. Privately published, 5 pp. [20 March, ref. 31840]
Fowler, H.W. (1958b) Some new taxonomic names of fishlike vertebrates. *Notulae Naturae (Philadelphia)*, 310, 1–16. [22 August, ref. 1470]
Fowler, H.W. (1958c) A synopsis of the fishes of China. Part VIII. The blenniioid and related fishes. *Quarterly Journal of the Taiwan Museum (Taipei)*, 11 (3/4), 147–339. [December, ref. 31906]
Fowler, H.W. (1959) A synopsis of the fishes of China. Part VIII. The blennioid and related fishes [continued]. *Quarterly Journal of the Taiwan Museum (Taipei)*, 12 (1/2), 67–97. [ref. 32633]
Fowler, H.W. (1960) A synopsis of the fishes of China. Part IX. The gobioid fishes. *Quarterly Journal of the Taiwan Museum (Taipei)*, 13 (3/4), 91–161. [ref. 33083]
Fowler, H.W. (1962) A synopsis of the fishes of China. Part X. The gobioid fishes (concluded). *Quarterly Journal of the Taiwan Museum (Taipei)*, 15 (1/2), 1-77. [ref. 32648]
Fowler, H.W. (1964) A catalog of World fishes [Part I]. *Quarterly Journal of the Taiwan Museum (Taipei)*, 17 (3/4), 1–62. [ref. 7160]
Fowler, H.W. (1968) A catalog of World fishes (VIII). *Quarterly Journal of the Taiwan Museum (Taipei)*, 21 (1/2), 53–78 [catalog pp. 416–441] [June, ref. 9319]
Fowler, H.W. (1974) A catalog of World fishes (XX). *Quarterly Journal of the Taiwan Museum (Taipei)*, 27 (1/2), 1–132 [catalog 2, pp. 479–610] [June, ref. 7180]
Fowler, H.W. (1975) A catalog of World fishes (XXII). *Quarterly Journal of the Taiwan Museum (Taipei)*, 28 (1/2), 1–124 [catalog 3, pp. 1–124] [June, ref. 9331]
Fowler, H.W. & Ball, S.C. (1924) Descriptions of new fishes obtained by the Tanager Expedition of 1923 in the Pacific islands west of Hawaii. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 76, 269–274. [1 November, ref. 1471]
Fowler, H.W. & Bean, B.A. (1922) Fishes from Formosa and the Philippine Islands. *Proceedings of the United States National Museum*, 62 (2448), 1–73. [28 July, ref. 1473]
http://dx.doi.org/10.5479/si.00963801.62-2448.1
Fowler, H.W. & Bean, B.A. (1928) Contributions to the biology of the Philippine Archipelago and adjacent regions. The fishes of the families Pomacentridae, Labridae, and Callyodontidae, collected by the United States Bureau of Fisheries steamer "Albatross," in 1907 to 1910 chiefly in Philippine seas and adjacent waters. *Bulletin of the United States National Museum Number 100*, 7, i–viii + 1–525. [17 April, ref. 1475]
Fowler, H.W. & Bean, B.A. (1929) Contributions to the biology of the Philippine Archipelago and adjacent waters. The fishes of the series Capriformes, Ephippiformes, and Squamipennes, collected by the United States Bureau of Fisheries steamer "Albatross" in 1907 to 1910 chiefly in Philippine Seas and adjacent waters. *Bulletin of the United States National Museum Number 100*, 8, i–xi + 1–352. [11 March, ref. 1476]
Fowler, H.W. & Bean, B.A. (1930) Contributions to the biology of the Philippine Archipelago and adjacent regions. The fishes of the families Amiidae ... and Serranidae, obtained by the United States Bureau of Fisheries steamer "Albatross" in 1907 to 1910 chiefly in Philippine Seas and adjacent waters. *Bulletin of the United States National Museum No. 100*, 10: i–ix + 1–334. [21 March, ref. 1477]
http://www.biodiversitylibrary.org/page/7857451
Franke, R. & Acero P., A. (1996) Peces óseos comerciales del Parque Gorgona, Pacífico colombiano (Osteichthyes, Muraenesocidae, Hemiramphidae, Belonidae, Scorpaenidae, Triglidae, Malacanthidae, Gerreidae, Sparidae, Kyphosidae, Sphyraenidae e Istiophoridae). *Revista de Biologia Tropical*, 44 (2B), 763–770. [August, ref. 22923]
Frankenberg, R.S. (1968) *Lepidogalaxias salamandroides*, a "living fossil" fish. *Newsletter of the Australian Society for Limnology*, 6, 8–9. [ref. 32603]
Fraser, T.H. (1971) The fish *Dinolestes lewini* with comments on its osteology and relationships. *Japanese Journal of Ichthyology*, 18 (4), 157–163. [25 December, ref. 21276]
Fraser, T.H. (1972) Comparative osteology of the shallow water cardinal fishes [Perciformes, Apogonidae] with reference to the systematics and evolution of the family. *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology*, 34, i–v + 1–105. [June, ref. 5195]

Fraser-Brunner, A. (1935) Notes on the Plectognath fishes. II. A synopsis of the genera of the family Ostraciontidae. *Annals and Magazine of Natural History,* Series 10, 16 (92), 313–320. [1 August, ref. 1490]
http://dx.doi.org/10.1080/00222933508655050

Fraser-Brunner, A. (1941) Notes on the Plectognath fishes. VII. The Aracanidae, a distinct family of ostraciontoid fishes, with descriptions of two new species. *Annals and Magazine of Natural History,* Series 11, 8 (46), 306–313. [1 October, ref. 13238]
http://dx.doi.org/10.1080/03745481.1941.9727975

Fraser-Brunner, A. (1943) Notes on the plectognath fishes. VIII. The classification of the suborder Tetraodontoidea, with a synopsis of the genera. *Annals and Magazine of Natural History,* Series 11, 10 (61), 1–18. [16 January, ref. 1495]
http://dx.doi.org/10.1080/03745481.1943.9727991

Fraser-Brunner, A. (1951) The ocean sunfish (Family Molidae). *Bulletin of the British Museum (Natural History) Zoology*, 1 (6), 89–121. [26 September, ref. 19546]

Fricke, R. (2009) Systematics of the Tripterygiidae (triplefins). *In:* Patzner, R.A., Gonçalves, E.J. & Hastings, P.A. (Editors), *The Biology of Blennies*, Science Publishers, Enfield, pp. 31–67. [ref. 30394]
http://dx.doi.org/10.1201/b10301-4

Friel, J.P. & Vigliotta, T.R. (2011) Three new species of African suckermouth catfishes, genus *Chiloglanis* (Siluriformes, Mochokidae), from the lower Malagarasi and Luiche rivers of western Tanzania. *Zootaxa*, 3063, 1–21. [ref. 31569]

Gaimari, S.D., Hauser, M. and Fricke, R. (2013) Comment on the proposed emendation of spelling of Phycinae Lyneborg, 1976 (Insecta, Diptera, Therevidae) to Phycusinae to remove homonymy with Phycinae swainson, 1838 (Osteichthyes, Gadiformes, Phycidae) (Case 3605). *Bulletin of Zoological Nomenclature*, 70 (4), 252–253.

Garman, S. (1877) On the pelvis and external sexual organs of selachians, with especial references to the new genera *Potamotrygon* and *Disceus* (with descriptions). *Proceedings of the Boston Society of Natural History*, 19, 197–214. [Author's name appeared as 'S. W. Garman.'] [November, ref. 1528]

Garman, S. (1881) Synopsis and descriptions of the American Rhinobatidae. *Proceedings of the United States National Museum*, 3 (180), 516–523. [23 February, ref. 1529]
http://dx.doi.org/10.5479/si.00963801.180.516

Garman, S. (1884) An extraordinary shark. *Bulletin of the Essex Institute*, 16, 47–55. (17 January, ref. 1531]

Garman, S. (1892) The Discoboli. Cyclopteridae, Liparopsidae, and Liparididae. *Memoirs of the Museum of Comparative Zoology*, 14 (2), 1–96. [April, ref. 1537]
http://dx.doi.org/10.5962/bhl.title.13817

Garman, S. (1895) The cyprinodonts. *Memoirs of the Museum of Comparative Zoology*, 19 (1), 1–179, Pls. 1–12. [July, ref. 1538]

Garman, S. (1899) The Fishes. In: Reports on an exploration off the west coasts of Mexico, Central and South America, and off the Galapagos Islands .. by the United States Fish Commission steamer "Albatross" during 1891 …. No. XXVI. *Memoirs of the Museum of Comparative Zoology*, 24, 1–431, Pls. 1–85 + A–M. [December, ref. 1540]

Garman, S. (1901) Genera and families of the chimaeroids. *Proceedings of the New England Zoölogical Club*, 2, 75–77. [2 November, ref. 1541]

Garman, S. (1913) The Plagiostomia (sharks, skates, and rays). *Memoirs of the Museum of Comparative Zoology*, 36, i–xiii + 1–515 + Pls. 1–77. [September, ref. 1545]

Geetakumari, K. & Vishwanath, W. (2011) *Channa melanostigma*, a new species of freshwater snakehead from north-east India (Teleostei, Channidae). *Journal of the Bombay Natural History Society*, 107 (3) [2010], 231–235. [20 October, ref. 31586]

Géry, J. (1956) Notes et addenda. *L'Aquarium et les Poissons*, 6 (7), 16–19. [July]

Géry, J. (1964a) Une nouvelle famille de poissons dulcaquicoles africaines: les Grasseichthyidae. *Comptes rendus des séances de l'Académie des Sciences*, 259 (12), 4805–4807. [21 December, ref. 1581]

Géry, J. (1964b) Poissons characoïdes nouveaux ou non signalés de l'Ilha do Bananal, Brésil. *Vie et Milieu*, Suppl. 17, 447–471, Pls. 1–4. [ref. 1583]

Géry, J. (1966a) A review of certain Tetragonopterinae (Characoidei), with the description of two new genera. *Ichthyologica, the Aquarium Journal*, 37 (5), 211–236. [May, ref. 1588]

Géry, J. (1966b) *Hoplocharax goethei*, a new genus and species of South American characoid fishes, with a review of the subtribe Heterocharacini. *Ichthyologica, the Aquarium Journal*, 38 (3), 281–296. [ref. 1589]

Géry, J. (1971) Une sous-famille nouvelle de poissons Characoides Sud-Américains: les Geisleriinae. *Vie et Milieu, Série C, Biologie Terrestre*, 22 (1), 153–166. [English and German summaries] [ref. 1593]

Géry, J. (1972a) Corrected and supplemented descriptions of certain characoid fishes described by Henry W. Fowler, with revisions of several of their genera. *Studies on the Neotropical Fauna*, 7, 1–35. [ref. 21270]
http://dx.doi.org/10.1080/01650527209360432

Géry, J. (1972b) Poissons characoïdes des Guyanes. I. Généralités. II. Famille des Serrasalmidae. *Zoologische Verhandelingen (Leiden)*, 122, 1–250, Pls. 1–16. [19 December, ref. 1594]

Géry, J. (1977) *Characoids of the world*. T. F. H. Publications, Neptune City, New Jersey, 672 pp. [possibly published in 1978] [ref. 1597]

Géry, J. (1995) Description of new or poorly known Alestinae (Teleostei, Characiformes, Alestidae) from Africa, with a note

on the generic concept in the Alestinae. *aqua, Journal of Ichthyology and Aquatic Biology*, 1 (4), 37–64. [July, ref. 22057]
Géry, J. & Boutière, H. (1964) *Petitella georgiae* gen. et sp. nov. (Pisces, Cypriniformes, Characoidei). *Vie et Milieu*, Suppl. 17, 473–484, tab. 1. [ref. 1599]
Ghedotti, M.J. (2000) Phylogenetic analysis and taxonomy of the poecilioid fishes (Teleostei: Cyprinodontiformes). *Zoological Journal of the Linnean Society*, 130 (1), 1–53. [14 September, ref. 27228]
http://dx.doi.org/10.1111/j.1096-3642.2000.tb02194.x
Gilbert, C.H. (1891) Descriptions of apodal fishes from the tropical Pacific. Scientific results of explorations by the U. S. Fish Commission steamer Albatross. *Proceedings of the United States National Museum*, 14 (856), 347–352. [8 September, ref. 1625]
http://dx.doi.org/10.5479/si.00963801.14-856.347
Gilbert, C.H. & Hubbs, C.L. (1916) Report on the Japanese macrouroid fishes collected by the United States Fisheries steamer "Albatross" in 1906, with a synopsis of the genera. *Proceedings of the United States National Museum*, 51 (2149), 135–214, Pls. 8–11. [28 October, ref. 1636]
http://dx.doi.org/10.5479/si.00963801.51-2149.135
Gilbert, C.R. (1973) Sphyrnidae. *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, pp. 32–34. [ref. 7164]
Gilbert, C.R. (1998) *Type catalog of Recent and fossil North American Freshwater fishes, families Cyprinidae, Catostomidae, Ictaluridae, Centrarchidae and Elassomatidae*. Florida Museum of Natural History, Special Publication 1, ii + 284 pp. [4 February, ref. 23395]
Gill, A.C. (2013) Classification and relationships of *Assiculus* and *Assiculoides* (Teleostei, Pseudochromidae). *Zootaxa*, 3718 (2), 128–136. [3 October, ref. 32907]
http://dx.doi.org/10.11646/zootaxa.3718.2.2
Gill, A.C. & Hoese, D.F. (2011) On the formation of family-group names and gender of genera based on the stem -*butis* (Teleostei: Perciformes: Gobioidei). *Zootaxa*, 2741, 66–68. [17 January, ref. 31121]
Gill, A.C. & Mooi, R.D. (2012) Thalasseleotrididae, new family of marine gobioid fishes from New Zealand and temperate Australia, with a revised definition of its sister taxon, the Gobiidae (Teleostei: Acanthomorpha). *Zootaxa*, 3266, 41–52. [11 April, ref. 31872]
Gill, T.N. (1858) Synopsis of the fresh water fishes of the western portion of the island of Trinidad, W. I. *Annals of the Lyceum of Natural History of New York*, 6 (10/13), 363–430. [also appeared as a separate, pp. 1–70] [ref. 1750]
http://dx.doi.org/10.1111/j.1749-6632.1858.tb00373.x
Gill, T.N. (1859a) On *Dactyloscopus* and *Leptoscopus*, two new genera of the family of Uranoscopidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 11, 132–133. [ca. 10 May, ref. 1792]
Gill, T.N. (1859b) Notes on a collection of Japanese fishes, made by Dr. J. Morrow. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 11, 144–150. [May or June, ref. 1762]
Gill, T.N. (1859c) Prodromus descriptionis familiae Gobioidarum duorum generum novorum. *Annals of the Lyceum of Natural History of New York*, 7 (1/3), 16–19. [dated December 1858, probably published before 18 October 1859] [ref. 1753]
http://dx.doi.org/10.1111/j.1749-6632.1862.tb00135.x
Gill, T.N. (1859d) Description of a new genus of Salarianae, from the West Indies. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 11, 168. [before 18 October, ref. 1755]
Gill, T.N. (1859e) Description of a type of gobioids intermediate between Solinae and Tridentigerinae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 11, 195–196. [18 October, ref. 1758]
Gill, T.N. (1860a) Monograph of the Philypni. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 12, 120–126. [April, ref. 17623]
Gill, T.N. (1860b) Conspectus piscium in expeditione ad oceanum Pacificum septentrionalem, C. Ringold et J. Rodgers ducibus, a Gulielmo Stimpson collectorum. Sicydianae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 12, 100–102. [before July, ref. 1764]
Gill, T.N. (1861a) Catalogue of the fishes of the eastern coast of North America, from Greenland to Georgia. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13 (Suppl.), 1–63. [February, ref. 1766]
Gill, T.N. (1861b) On the classification of the Eventognathi or Cyprini, a suborder of Teleocephali. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 6–9. [ref. 32167]
Gill, T.N. (1861c) Synopsis of the subfamily of Clupeinae, with descriptions of new genera. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 33–38. [19 March or 1 April, ref. 1767]
Gill, T.N. (1861d) Synopsis of the subfamily of Percinae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 44–52. [19 March or 2 April, ref. 1768]
Gill, T.N. (1861e) On several new generic types of fishes contained in the museum of the Smithsonian Institution. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 77–78. [14 May, ref. 1770]
Gill, T.N. (1861f) Revision of the genera of North American Sciaeninae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 79–89. [14 May, ref. 1771]
Gill, T.N. (1861g) On the Liostominæ. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 89–93. [ref. 31935]
Gill, T.N. (1861h) On the Haploidonotinae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 100–105.

[before 22 October, ref. 1773]
Gill, T.N. (1861i)] Notes on some genera of fishes of the western coast of North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 164–168. [22 October, ref. 1775
Gill, T.N. (1861j) On a new typs [sic] of aulostomatoids, found in Washington Territory. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 168–170. [22 October, ref. 1776]
Gill, T.N. (1861k) Synopsis of the polynematoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 271–282. [15 November, ref. 1779]
Gill, T.N. (1861l) Monograph of the tridigitate uranoscopoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 263–271. [19 November, ref. 1778]
Gill, T.N. (1861m) Synopsis of the chaenichthyoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 507–510. [December, ref. 1781]
Gill, T.N. (1861n)] Synopsis of the Harpagiferoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13, 510–512. [December, ref. 31885
Gill, T.N. (1861o) Synopsis of the genera of the sub-family of Pimelodinae. *Proceedings of the Boston Society of Natural History*, 8 (1861–1862), 46–55. [April, ref. 1673]
Gill, T.N. (1862a) Synopsis of the notothenioids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 13 (for 1861), 512–522. [before 31 March, ref. 1782]
Gill, T.N. (1862b) Notice of a new species of *Hemilepidotus* and remarks on the group (Temnistiae) of which it is a member. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 13–14. [before 25 April, ref. 1654]
Gill, T.N. (1862c) On the subfamily Argentininae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 14–15. [before 25 April, ref. 1655]
Gill, T.N. (1862d) Note on the sciaenoids of California. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 16–18. [before 25 April, ref. 1657]
Gill, T.N. (1862e) Synopsis of the family of cirrhitoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14 (3/4), 102–124. [before 27 May, ref. 1658]
Gill, T.N. (1862f) On the limits and arrangement of the family of scombroids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 124–127. [before 27 May, ref. 1659]
Gill, T.N. (1862g) Descriptions of new species of Alepidosauroidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 127–132. [before 27 May, ref. 1660]
Gill, T.N. (1862h) On the West African genus *Hemichromis* and descriptions of new species in the museums of the Academy and Smithsonian Institution. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 134–139. [before 27 May, ref. 1661]
Gill, T.N. (1862i) Catalogue of the fishes of Lower California in the Smithsonian Institution, collected by Mr. J. Xantus. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14 (3/4), 140–151. [before 27 May, ref. 1662]
Gill, T.N. (1862j) On a new genus of fishes allied to *Aulorhynchus* and on the affinities of the family Aulorhynchoidae, to which it belongs. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 233–235. [ca. June, ref. 1663]
Gill, T.N. (1862k) Remarks on the relations of the genera and other groups of Cuban fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 235–242. [ca. June, ref. 1664]
Gill, T.N. (1862l) Catalogue of the fishes of Lower California, in the Smithsonian Institution, collected by Mr. J. Xantus. Part II. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 242–246. [ca. June, ref. 1665]
Gill, T.N. (1862m) Catalogue of the fishes of Lower California, in the Smithsonian Institution, collected by Mr. J. Xantus. Part III. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 249–262. [ca. June, ref. 4909]
Gill, T.N. (1862n) Notice of a collection of the fishes of California presented to the Smithsonian Institution by Mr. Samuel Hubbard. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 274–282. [before 1 August, ref. 1666]
Gill, T.N. (1862o) Note on the family of Scombroids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 328–329. [ref. 32252]
Gill, T.N. (1862p) Analytical synopsis of the order of Squali; and revision of the nomenclature of the genera. *Annals of the Lyceum of Natural History of New York*, 7 (32), 367'–370', 371–408. [pp. 367–370 duplicated in preceding article. Read 16 December 1861, probably published early 1862. Genera date to this article, also treated on pp. 409–413 [ref. 4974]. Both articles combined as separate, pp. 1–47] [ref. 1783]
Gill, T.N. (1862q) Squalorum generum novorum descriptiones diagnosticae. *Annals of the Lyceum of Natural History of New York*, 7 (33), 409–413. [also separate, pp. 43–47, combined with ref. 1783] [ref. 4974] http://dx.doi.org/10.1111/j.1749-6632.1862.tb00167.x
Gill, T.N. (1863a) Synopsis of the carangoids of the eastern coast of North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14 (9 [2nd]), 430–443. [before 12 January, ref. 1669]
Gill, T.N. (1863b) On the classification of the families and genera of the Squali of California. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 14, 483–501. [before 26 February, ref. 1671]
Gill, T.N. (1863c) Catalogue of the fishes of Lower California, in the Smithsonian Institution, collected by Mr. J. Xantus. Part IV. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 80–88. [before 8 June, ref. 1679]
Gill, T.N. (1863d) Descriptions of some new species of Pediculati, and on the classification of the group. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 88–92. [before 8 June, ref. 1680]

Gill, T.N. (1863e) Notes on the labroids of the western coast of North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 221–224. [before 28 November, ref. 1685]
Gill, T.N. (1863f) Synopsis of the family of lepturoids, and description of a remarkable new generic type. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 224–229. [before 28 November, ref. 1686]
Gill, T.N. (1863g) Synopsis of the North American gadoid fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 229–242. [before 28 November, ref. 1687]
Gill, T.N. (1863h) Descriptions of the genera of gadoid and brotuloid fishes of western North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 242–254. [before 28 November, ref. 1688]
Gill, T.N. (1863i) Synopsis of the family of Lycodoidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 254–262. [before 28 November, ref. 1689]
Gill, T.N. (1863j) Descriptions of the gobioid genera of the western coast of temperate North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 15, 262–267. [before 28 November, ref. 1690]
Gill, T.N. (1863k) On the genus *Periophthalmus* of Schneider. *Proceedings of the Academy of Natural Sciences of Ph*iladelphia, 15, 271–272. [before 27 November, ref. 1692]
Gill, T.N. (1864a) Review of Holbrook's Ichthyology of South Carolina. *American Journal of Science and Arts* , Series 2, 37 (10), 89–94. [May, ref. 1706]
Gill, T.N. (1864b) Notes on the nomenclature of genera and species of the family Echeneidoidae. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 16 (2), 59–61. [before 30 June, ref. 1695]
Gill, T.N. (1864c) Synopsis of the cyclopteroids of eastern North America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 16 (4), 189–194. [before 12 December, ref. 1700]
Gill, T.N. (1864d) Synopsis of the pleuronectoids of California and north-western America. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 16 (4), 194–198. ([before 12 December, ref. 1701]
Gill, T.N. (1864e) Note on the family of stichaeoids. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 16 (4), 208–211. [before 12 December, ref. 1703]
Gill, T.N. (1865a) On a remarkable new type of fishes allied to *Nemophis*. *Annals of the Lyceum of Natural History of New York*, 8 (14), 138–141, Pl. 3. [May, ref. 1677]
http://dx.doi.org/10.1111/j.1749-6632.1867.tb00301.x
Gill, T.N. (1865b) On a new family type of fishes related to the blennioids. *Annals of the Lyceum of Natural History of New York*, 8 (15), 141–144, Pl. 3. [reprint published between May and July 1865, plate probably in 1866] [May, ref. 1676]
Gill, T.N. (1865c) Synopsis of the fishes of the Gulf of St. Lawrence and Bay of Fundy. *Canadian Naturalist*, 2 (August), 244–266. [also appeared as a separate, pp. 1–24] [August, ref. 1707]
Gill, T.N. (1872) Arrangement of the families of fishes, or classes Pisces, Marsipobranchii, and Leptocardii. *Smithsonian Miscellaneous Collections*, 247, i–xlvi + 1–49. [November, ref. 26254]
http://dx.doi.org/10.5962/bhl.title.18974
Gill, T.N. (1873) Catalogue of the fishes of the east coast of North America. Also 3 subtitles, including, "3. Bibliography of east coast fishes". *United States Commission of Fish and Fisheries, Report of the Commissioner*, 1873 [1], 779–822. [also as a separate, pp. 1–44] [ref. 17631]
Gill, T.N. (1875) On the geographical distribution of fishes. *Annals and Magazine of Natural History,* Series 4, 15 (88), 251–255. [1 April, ref. 33070]
http://dx.doi.org/10.1080/00222937508681071
Gill, T.N. (1877a) Tetrodontidae. *In:* Barnard, F.A.P. & Guyet, A. (Editors), *Johnson's New Universal Cyclopaedia: scientific and popular treasury of useful knowledge, Volume 4*, *S-Appendix*. Alvin J. Johnson and Son, New York, p. 792. [ref. 32641]
Gill, T.N. (1877b) Trygonidae. *In:* Barnard, F.A.P. & Guyet, A. (Editors), *Johnson's New Universal Cyclopaedia: scientific and popular treasury of useful knowledge, Volume 4*, *S-Appendix*. Alvin J. Johnson and Son, New York, p. 958. [ref. 32501]
Gill, T.N. (1878a) Synopsis of the pediculate fishes of the eastern coast of extratropical NorthAmerica. *Proceedings of the United States National Museum*, 1 (30), 215–221. [18 December, ref. 5604]
http://dx.doi.org/10.5479/si.00963801.1-30.215
Gill, T.N. (1878b) Note on the Ceratiidae. *Proceedings of the United States National Museum*, 1 (33), 227–231. [23 December, ref. 1718]
http://dx.doi.org/10.5479/si.00963801.1-33.227
Gill, T.N. (1880) On the identity of the genus *Leurynnis*, Lockington, with *Lycodopsis*, Collett. *Proceedings of the United States National Museum*, 3 (139), 247–248. [15 September, ref. 5766]
http://dx.doi.org/10.5479/si.00963801.3-139.247
Gill, T.N. (1882) On the family and subfamilies of Carangidae. *Proceedings of the United States National Museum*, 5 (304), 487–493. [dated 1883 in Smithsonian Digital Repository] [ref. 31884]
http://dx.doi.org/10.5479/si.00963801.5-304.487
Gill, T.N. (1883a) A remarkable deep-sea fish type. *Science*, 1 (8), 231–232. [30 March, ref. 32595]
http://www.jstor.org/stable/1758629
Gill, T.N. (1883b) Note on the petromyzontids. *Proceedings of the United States National Museum*, 5 (310), 521–525. [3 April, ref. 4941]

http://dx.doi.org/10.5479/si.00963801.5-310.521
Gill, T.N. (1883c) Note on the affinities of ephippiids. *Proceedings of the United States National Museum*, 5 (317), 557–560. [April, ref. 33084]
http://dx.doi.org/10.5479/si.00963801.5-318.557
Gill, T.N. (1884a) Three new families of fishes added to the deep-sea fauna in a year. *American Naturalist*, 18 (4), 433. [April, ref. 1728]
Gill, T.N. (1884b) The ichthyological peculiarities of the Bassalian fauna. *Science*, 3 (68), 620–622. [23 May, ref. 33060]
http://dx.doi.org/10.1126/science.ns-3.68.620
Gill, T.N. (1884c) On the mutual relations of the hemibranchiate fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 36, 154–166. [12 August, ref. 17660]
Gill, T.N. (1884d) On the anacanthine fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 36, 167–183. [12–19 August, ref. 1725]
Gill, T.N. (1884e) Note on the Sternoptychidae. *Proceedings of the United States National Museum*, 7 (23), 349–351. [17 September, ref. 32840]
http://dx.doi.org/10.5479/si.00963801.7-443.349
Gill, T.N. (1884f) Synopsis of the plectognath fishes. *Proceedings of the United States National Museum*, 7 (26/27), 411–427. [9–18 October, ref. 1727]
http://dx.doi.org/10.5479/si.00963801.7-448.411
Gill, T.N. (1885a) Sub-class II. Teleostei. *In:* J. S. Kingsley (Editor), *The Standard Natural History, Volume III Lower vertebrates*. Cassino and Company, Boston, pp. 98–298. [published again in 1888 as The Riverside Natural History] [ref. 1653]
Gill, T.N. (1885b) Zoology. *Annual Report of the Board of Regents of the Smithsonian Institution*, [17] (for 1883), 699–752. [Fish-like vertebrates on 721–728] [ref. 32601]
Gill, T.N. (1885c) Zoology. *Annual Report of the Board of Regents of the Smithsonian Institution*, [18] (for 1884), 583–676. [Fish-like vertebrates on 617–632] [ref. 32611]
Gill, T.N. (1888) The primary groups of mail-cheeked fishes. *American Naturalist*, 22 (256), 356–358. (April, ref. 26431]
Gill, T.N. (1889a) On the classification of the mail-cheeked fishes. 3. *Proceedings of the United States National Museum*, 11 (756), 567–592. [namers of families on pp. 591-592] [25 September, ref. 1729]
Gill, T.N. (1889b) Articles. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York, 1, pp. v–xviii + 1–1200. [ref. 32842]
Gill, T.N. (1889c) Articles. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York. 2, pp. 1201–2422. [ref. 32847]
Gill, T.N. (1889d) *Hexagrammus*. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York, 3, p. 2819. [ref. 26214]
Gill, T.N. (1889e) Articles. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York, 3, pp. 2423–3556. [ref. 32834]
Gill, T.N. (1890a) Articles. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York, 4, pp. 3577-4880. [ref. 32974]
Gill, T.N. (1890b) Articles. *In: The Century Dictionary. An Encyclopedic Lexicon of the English Language*. The Century Co., New York, 5, pp. 4881–6000. [ref. 32975]
Gill, T.N. (1890c) The osteological characteristics of the family Murænidæ. *Proceedings of the United States National Museum*, 13 (805), 165–170. [ref. 31879]
http://dx.doi.org/10.5479/si.00963801.13-805.165
Gill, T.N. (1891) On the relations of Cyclopteroidea. *Proceedings of the United States National Museum*, 13 (834), 361–376, Pls. 28–30. [ref. 26641]
http://dx.doi.org/10.5479/si.00963801.13-834.361
Gill, T.N. (1892a) On the genus *Gnathanacanthus* of Bleeker. *Proceedings of the United States National Museum*, 14 (885), 701–704. [ref. 32257]
http://dx.doi.org/10.5479/si.00963801.14-885.701
Gill, T.N. (1892b) Notes on the Tetraodontoidea. *Proceedings of the United States National Museum*, 14 (885), 705–720, Pl. 34. [ref. 32516]
http://dx.doi.org/10.5479/si.00963801.14-886.705
Gill, T.N. (1893a) A comparison of antipodal faunas. *Memoirs of the National Academy of Sciences*, 6 (5), 91–124. [ref. 1736]
Gill, T.N. (1893b) Families and subfamilies of fishes. *Memoirs of the National Academy of Science*, 6 (6), 127–138. [ref. 26255]
Gill, T.N. (1894a) An Australasian sub-family of fresh-water atherinoid fishes. *American Naturalist*, 28 (332), 708–709. [August, ref. 1738]
Gill, T.N. (1894b) The nomenclature of the Myliobatidae, or Aëtobatidæ. *Proceedings of the United States National Museum*, 17 (990), 111–114. [ref. 31876]
http://dx.doi.org/10.5479/si.00963801.17-990.111
Gill, T.N. (1895) The differential characters of the Salmonidae and Thymallidae. *Proceedings of the United States National*

Museum, 17 (992), 117–122. [ref. 31887]
http://dx.doi.org/10.5479/si.00963801.17-992.117
Gill, T.N. (1896a) Notes on *Orectolobus* or *Crossorhinus*, a genus of sharks. *Proceedings of the United States National Museum*, 18 (1057), 211–212. [16 April, ref. 12504]
http://dx.doi.org/10.5479/si.00963801.18-1057.211
Gill, T.N. (1896b)] Note on the fishes of the genus *Characinus*. *Proceedings of the United States National Museum*, 18 (1058), 213–215. [16 April, ref. 1740
http://dx.doi.org/10.5479/si.00963801.18-1058.213
Gill, T.N. (1896c) The differential characters of the syngnathid and hippocampid fishes. *Proceedings of the United States National Museum*, 18 (1049), 153–159. [23 April, ref. 1743]
http://dx.doi.org/10.5479/si.00963801.18-1049.153
Gill, T.N. (1896d) Notes on the synonymy of the Torpedinidae or Narcobatidae. *Proceedings of the United States National Museum*, 18 (1050), 161–165. [23 April, ref. 31875]
http://dx.doi.org/10.5479/si.00963801.18-1050.161
Gill, T.N. (1896e) The differential characters of characinoid and erythrinoid fishes. *Proceedings of the United States National Museum*, 18 (1056), 205–209. [23 April, ref. 1739]
http://dx.doi.org/10.5479/si.00963801.18-1056.205
Gill, T.N. (1896f) The nomenclature of *Rachicentron* or *Elacate*, a genus of acanthopterygian fishes. *Proceedings of the United States National Museum*, 18 (1059), 217–219. [23 April, ref. 33078]
http://dx.doi.org/10.5479/si.00963801.18-1059.217
Gill, T.N. (1896g) Note on the nomenclature of the poecilioid fishes. *Proceedings of the United States National Museum*, 18 (1060), 221–224. [23 April, ref. 32618]
http://dx.doi.org/10.5479/si.00963801.18-1060.221
Gill, T.N. (1897) The agonid genus *Percis* of Scopoli. *Science (new series)*, 6 (156), 958. [24 December, ref. 33075]
http://dx.doi.org/10.1126/science.6.156.958
Gill, T.N. (1901) The proper names of *Bdellostoma* or *Heptatrema*. *Proceedings of the United States National Museum*, 23 (1234), 735–738. [6 June, ref. 9562]
http://dx.doi.org/10.5479/si.00963801.23-1234.735
Gill, T.N. (1905a) The sculpin and its habits. *Smithsonian Miscellaneous Collections*, 49 (1552), 348–359, Pl. 59. [31 January, ref. 33071]
Gill, T.N. (1905b) Note on the genera of synanceine and pelorine fishes. *Proceedings of the United States National Museum*, 28 (1394), 221–225. [23 February, ref. 1789]
http://dx.doi.org/10.5479/si.00963801.28-1394.221
Gill, T.N. (1905c) The family of cyprinids and the carp as its type. *Smithsonian Miscellaneous Collections*, 48 (1591), 195–217, Pls. 45–58. [8 September, ref. 32598]
Gill, T.N. (1906) The fish genus *Alabes* or *Cheilobranchus*. *Science (new series)*, 23 (589), 584–585. [ref. 31942]
http://dx.doi.org/10.1126/science.23.589.584
Gill, T.N. (1908) The millers-thumb and its habits. *Smithsonian Miscellaneous Collections*, 52 (1801), 101–116. [18 June, ref. 33072]
Gill, T.N. & Smith, H.M. (1905) A new family of jugular acanthopterygians. *Proceedings of the Biological Society of Washington*, 18, 249–250. [9 December, ref. 1748]
Giltay, L. (1934) Notes ichthyologiques. VIII. Les larves de Schindler sont elles des Hemirhamphidae? *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 10 (13), 1–10. [March, ref. 13409]
Girard, C.F. (1858) Fishes in: General report upon zoology of the several Pacific railroad routes, 1857. *In: Reports of explorations and surveys, to ascertain the most practicable and economical route for a railroad from the Mississippi River to the Pacific Ocean, 10*. Beverley Tucker, Washington, D.C., pp. i–xiv, 1–400, Pls. 7–8, 13–14, 17–18, 22c, 26, 29–30, 34, 37, 40–41, 48, 53, 59, 61, 64–65, 71. [ref. 4911]
Glaw, F. & Vences, M. (1994) *A field guide to the amphibians and reptiles of Madagascar. including mammals and freshwater fish, 2nd edition*. Privately published, Köln, 480 pp. [ref. 31926]
Glover, C.J.M. (1976) I. Fishes. Pp. 169–175. Vertebrate type-specimens in the South Australian Museum. *Records of the South Australian Museum (Adelaide)*, 17 (7/12), 169–219. [1 September, ref. 19449]
Glubokovsky, M.K. (1995) *Evolyutsionnaya biologiya lososevykh ryb [Evolutionary biology of salmonid fishes]*. Nauka, Moskva, 352 pp. [in Russian] [ref. 32610]
Glückman, L.S. (1964) *Akuly paleogena i ikh stratigraficheskoe znachenie*. [*The sharks of the Paleogene and their stratigraphical importance*]. Nauka, Moskva and Leningrad, 229 pp., 33 pls. [in Russian. Author also seen as Glikman or Glickman] [ref. 1824]
Golani, D. (1994) Gonostomatidae, Photichthyidae and Myctophidae from the Mediterranean coast of Israel. *Senckenbergiana Maritima*, 25 (1/3), 33–40. [20 November, ref. 23162]
Goldfuss, G.A. (1820) *Handbuch der Zoologie*. Nürnberg, Band 1, xxiv + 510 pp., Pls. 1–2; Band 2, xlvi + 696 pp., Pls. 3–4. [Fishes in Volume 1] [ref. 1829]
Golvan, Y.-J. (1962) Catalogue systématic des noms de genres de poissons actuels de la Xe édition du 'Systema naturae' de

Charles Linné jusqu'à la fin de l'année 1959. *Annales de parasitologie humaine et comparée*, 37 (supplément 6), 1–227. [as separate published in 1965] [ref. 13459]
Gomes, G., Sampaio, I. & Schneider, H. (2012) Population structure of *Lutjanus purpureus* (Lutjanidae - Perciformes) on the Brazilian coast, further existence of a single species of red snapper in the western Atlantic. *Anais da Academia Brasileira de Ciéncias*, 84 (4), 979–999. [December, ref. 32654]
http://dx.doi.org/10.1590/s0001-37652012000400013
Gomon, M.F. (1997) Relationships of fishes of the labrid tribe Hypsigenyini. *Bulletin of Marine Science*, 60 (3), 789–871. [ref. 23083]
Gomon, M.F., Bray, D.J. & Kuiter, R. (Editors) (2008) *Fishes of Australia's Southern Coast*. New Holland Publishers, Melbourne, 928 pp. [ref. 30614]
Gomon, M.F. & Paxton, J.R. (1986) A revision of the Odacidae, a temperate Australian-New Zealand labroid fish family. *Indo-Pacific Fishes*, 8, 1–57. [date on Cover is October 1985, stamped inside is February 24, 1986] [24 February, ref. 5656]
Gon, O. (1995) Revision of the cardinalfish subgenus *Lepidamia* (Perciformes, Apogonidae, *Apogon*). *Israel Journal of Zoology*, 41, 1–22. [ref. 21822]
Gon, O. (1999) Family Epigonidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 2 (Mugilidae to Carangidae)*. FAO, Rome, 4, pp. iii–v + 2069–2790, Pls. I–VII. [ref. 24835]
Gon, O. (2003) Apogonidae (Pp. 1386–1391), Epigonidae (Pp. 1392–1394). *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 3: Bony fishes part 2 (Opistognathidae to Molidae)*. FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, vi + 1375-2127 pp. [published June 2003, date on cover is 2002] [ref. 27085]
Gon, O. & Heemstra, P.C. (Editors) (1990) *Fishes of the Southern Ocean*. J. L. B. Smith Institute of Ichthyology, Grahamstown, xviii + 462 pp., 12 Pls. [family accounts are by various authors] [18 December, ref. 18440]
Goode, G.B. (1876) Catalogue of the fishes of the Bermudas. Based chiefly upon the collection of the United States National Museum. *Bulletin of the United States National Museum number 1*, 5, 1–82. [also as Smithsonian Miscellaneous Collection, 13 (5)] [ref. 1832]
Goode, G.B. & Bean, T.H. (1879) A catalogue of the fishes of Essex County, Massachusetts, including the fauna of Massachusetts Bay and the contiguous deep waters. *Bulletin of the Essex Institute*, 11, 1–38. [title on cover differs slightly from that at head of article] [ref. 5605]
Goode, G.B. & Bean, T.H. (1895a) On Cetomimidae and Rondeletiidae, two new families of bathybial fishes from the northwestern Atlantic. (Scientific results of explorations by the United States Fish Commission steamer Albatross). *Proceedings of the United States National Museum*, 17 (1012), 451–454, Pl. 17. [26 January, ref. 5767]
http://dx.doi.org/10.5479/si.00963801.17-1012.451
Goode, G.B. & Bean, T.H. (1895b) A revision of the order Heteromi, deep-sea fishes, with a description of the new generic types *Macdonaldia* and *Lipogenys*. (Scientific results of explorations by the United States Fish Commission steamer Albatross). *Proceedings of the United States National Museum*, 17 (1013), 455–470, Pl. 18. [26 January, ref. 1847]
http://dx.doi.org/10.5479/si.00963801.17-1013.455
Goode, G.B. & Bean, T.H. (1896) Oceanic ichthyology, a treatise on the deep-sea and pelagic fishes of the world, based chiefly upon the collections made by the steamers Blake, Albatross, and FishHawk in the northwestern Atlantic, with an atlas containing 417 figures. *Special Bulletin United States National Museum*, 2, i–xxxv + 1–26 + 1–553; Atlas: i–xxiii, 1–26, 1–123 pls. [also published as *Memoir of the Museum of Comparative Zoology, Harvard College* 22] [23 August, ref. 1848]
ttp://dx.doi.org/10.5962/bhl.title.48521
Goodrich, E.S. (1909) Vertebrata Craniata (first faciscle: cyclostomes and fishes). *In:* Lankester, R. (Editor), *A treatise on zoology, Part 9*. Black, London, pp. i–xvii + 1–518. [ref. 32502]
Gosline, W.A. (1947) Contributions to the classification of the loricariid catfishes. *Arquivos do Museu Nacional de Rio de Janeiro*, 41, 79–134, Pls. 1–9. [16 October, ref. 1857]
Gosline, W.A. (1951) The osteology and classification of the ophichthid eels of the Hawaiian Islands. *Pacific Science*, 5 (4), 298–320. [October, ref. 1858]
Gosline, W.A. (1952) Notes on the systematic status of four new eel families. *Journal of the Washington Academy of Sciences*, 42 (4), 130–135. [24 April, ref. 32593]
Gosline, W.A. (1966)] The limits of the fish family Serranidae, with notes on the lower percoids. *Proceedings of the California Academy of Sciences,* Series 4, 33 (6), 91–111. [31 January, ref. 32661
Gosline, W.A. (1971) *Functional morphology and classification of teleostean fishes*. The University Press of Hawaii, Honolulu, 208 pp. [ref. 26857]
Grace, M. (2001) *Field guide to requiem sharks (Elasmobranchiomorphi, Carcharhinidae) of the western north Atlantic*. NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) no. 153, iii + 32 pp. [August, ref. 25694]
Grande, L. & Bemis, W.E. (1991) Osteology and phylogenetic relationships of fossil and Recent paddlefishes (Polyodontidae) with comments on the interrelationships of Acipenseriformes. *Journal of Vertebrate Paleontology*, 11, Suppl. to No. 1,

i–vii + 1–121. [18 March, ref. 19936]
http://dx.doi.org/10.1080/02724634.1991.10011424
Grassi, G.B. (1913) *Metamorfosi del murenoidi, richerce sistematiche ed ecologiche*. [Metamorphose der Muraenoiden]. Regio comitato talassografico italia, Monografia 1. Gustav Fischer, Jena, x + 211 pp., 15 Pls. [in Italian, German summary] [ref. 29912]
Grassi, G.B. & Calandruccio, S. (1896, ref. 1877] Sullo sviluppo dei murenoidi. *Atti della Accademia Nazionale dei Lincei*, 5 (1), 348–349.
Gravenhorst, J.L.C. (1843) *Vergleichende Zoologie*. Graß, Barth and Comp., Breslau, xx + 686 pp. [ref. 32622]
http://dx.doi.org/10.5962/bhl.title.58729
Gray, J.E. (1851) (*List of the specimens of fish in the collection of the British Museum. Part I. Chondropterygii*. British Museum, London, x + 160 pp., 2 Pls. [25 July, ref. 4939]
http://dx.doi.org/10.5962/bhl.title.20819
Gray, J.E. (1853) Description of a new form of lamprey from Australia, with a synopsis of the family. *Proceedings of the Zoological Society of London*, 1851 (19), 235–241, Pls. 4–5. [also in *Annals and Magazine of Natural History,* Series 2, 13 (1854), 58–65] [26 July, ref. 1886]
Greenfield, D.W., Winterbottom, R. & Collette, B.B. (2008) Review of the toadfish genera (Teleostei: Batrachoididae). *Proceedings of the California Academy of Sciences,* Series 4, 59 (15), 665–710. [31 December, ref. 30046]
Greenwood, P.H. (1963) The swimbladder in African Notopteridae (Pisces) and its bearing on the taxonomy of the family. *Bulletin of the British Museum (Natural History) Zoology*, 11 (5), 377–412, Pls. 1–4. [31 December, ref. 1897]
Greenwood, P.H. (1976) A review of the family Centropomidae (Pisces, Perciformes). *Bulletin of the British Museum (Natural History) Zoology*, 29 (1), 1–81. [22 January, ref. 14198]
Greenwood, P.H. (1977) Notes on the anatomy and classification of elopomorph fishes. *Bulletin of the British Museum (Natural History) Zoology*, 32 (4), 65–102. [29 September)
Greenwood, P.H., Rosen, D.E., Weitzman, S.H. & Myers, G.S. (1966) Phyletic studies of teleostean fishes, with a provisional classification of living forms. *Bulletin of the American Museum of Natural History*, 131(4), 341–455. [ref. 26856]
http://digitallibrary.amnh.org/dspace/handle/2246/1678
Grote, A.R. (1895) The Hypenoid moths and allied groups. *Proceedings of the American Philosophical Society*, 34 (149), 416–436. [year sometimes seen as 1896] [December]
Grove, J.S. & Lavenberg, R.J. (1997) *The fishes of the Galápagos Islands*. Stanford University Press, Stanford, xliv + 863 pp. [ref. 24023]
Guichenot, A. (1839) Monographie de deux genres de poissons, les Lépisostées et les Polyptères, de la famille des Clupéoïdes de Cuvier, et de celle des Siagonotes de Duméril, précédée de quelques considerations sur ces genres. *Magasin de Zoologie, d'Anatomie Comparée et de Palæontologie*, Série 2, 1 (Class IV Poissons), 1-12, 1 Pl. [ref. 33128]
Guichenot, A. (1869) Notice sur quelques poissons inédits de Madagascar et de la Chine. *Nouvelles Archives du Muséum d'Histoire Naturelle, Paris*, 5 (3), 193–206. [ref. 1952]
Günther, A. (1859) *Catalogue of the fishes in the British Museum. Catalogue of the acanthopterygian fishes in the collection of the British Museum. Gasterosteidae, Berycidae, Percidae, Aphredoderidae, Pristipomatidae, Mullidae, Sparidae, Volume 1*, British Museum, London, xxxi + 524 pp. [10 December, ref. 1961]
http://dx.doi.org/10.5962/bhl.title.8324
Günther, A. (1860) *Catalogue of the fishes in the British Museum. Catalogue of the acanthopterygian fishes in the collection of the British Museum. Squamipinnes, Cirrhitidae, Triglidae, Trachinidae, Sciaenidae, Polynemidae, Sphyraenidae, Trichiuridae, Scombridae, Carangidae, Xiphiidae, Volume 2*. British Museum, London, xxi + 548 pp. [13 October, ref. 1963]
http://dx.doi.org/10.5962/bhl.title.8321
Günther, A. (1861a) On three new trachinoid fishes. *Annals and Magazine of Natural History,* Series 3, 7 (38), 85–90. [also as a separate, pp. 1–5] [1 February, ref. 1966]
Günther, A. (1861b) A preliminary synopsis of the labroid genera. *Annals and Magazine of Natural History,* Series 3, 8 (47), 382–389. [also as a separate, pp. 1–8] [1 November, ref. 1967]
Günther, A. (1861c) *Catalogue of the fishes in the British Museum. Catalogue of the acanthopterygian fishes in the collection of the British Museum. Gobiidae, Discoboli, Pediculati, Blenniidae, Labyrinthici, Mugilidae, Notacanthi, Volume 3*. British Museum, London, xxv + 586 + x pp. [14 December, ref. 1964]
http://dx.doi.org/10.5962/bhl.title.8320
Günther, A. (1862a) (8 November, ref. 1969] *Catalogue of the fishes in the British Museum. Catalogue of the acanthopterygii, Pharyngognathi and Anacanthini in the collection of the British Museum, Volume 4*. British Museum, London, xxi + 534 pp. [8 November, ref. 1969]
http://dx.doi.org/10.5962/bhl.title.8304
Günther, A. (1862b) Systematische Uebersicht der Familien der Stachelflosser. *Archiv für Naturgeschichte*, 28 (1), 53–63. [ref. 18216]
Günther, A. (1864) *Catalogue of the fishes in the British Museum. Catalogue of the Physostomi, containing the families Siluridae, Characinidae, Haplochitonidae, Sternoptychidae, Scopelidae, Stomiatidae in the collection of the British Museum, Volume 5*. British Museum. London, xxii + 455 pp. [10 December, ref. 1974]

http://dx.doi.org/10.5962/bhl.title.8315
Günther, A. (1865) *Pisces*. *The record of zoological literature*. Zoological Record for 1864, pp. 133–188. [after July, ref. 1980]
Günther, A. (1866) *Catalogue of fishes in the British Museum. Catalogue of the Physostomi, containing the families Salmonidae, Percopsidae, Galaxidae, Mormyridae, Gymnarchidae, Esocidae, Umbridae,Scombresocidae, Cyprinodontidae, in the collection of the British Museum, Volume 6*. British Museum, London, xv + 368 pp. [13 October, ref. 1983]
http://dx.doi.org/10.5962/bhl.title.8317
Günther, A. (1867) New fishes from the Gaboon and Gold Coast. *Annals and Magazine of Natural History,* Series 3, 20 (116), 110–117. [also as a separate, pp. 1–8] [1 August, ref. 1989]
Günther, A. (1868) *Catalogue of the fishes in the British Museum. Catalogue of thePhysostomi, containing the families Heteropygii, Cyprinidae, Gonorhynchidae, Hyodontidae, Osteoglossidae,Clupeidae,.. [thru].. Halosauridae, in the collection of the British Museum, Volume 7*. British Museum, London, xx + 512 pp. ([14 March, ref. 1990]
http://dx.doi.org/10.5962/bhl.title.8314
Günther, A. (1869) Pisces. *Zoological Record 5 (for 1868)*, 132–171. [ref. 32629]
Günther, A. (1870) *Catalogue of the fishes in the British Museum. Catalogue of the Physostomi, containing the families Gymnotidae, Symbranchidae, Muraenidae, Pegasidae, and of the Lophobranchii, Plectognathi, Dipnoi, ..[thru] .. Leptocardii, in the British Museum, Volume 8*. British Museum, London, xxv + 549 pp. [25 June, ref. 1995]
http://dx.doi.org/10.5962/bhl.title.8329
Günther, A. (1877) Preliminary notes on new fishes collected in Japan during the expedition of H. M. S. Challenger. *Annals and Magazine of Natural History,* Series 4, 20 (119), 433–446. [1 November, ref. 2009]
http://dx.doi.org/10.1080/00222937708682260
Günther, A. (1879) On two new species of fishes from the Bermudas. *Annals and Magazine of Natural History,* Series 5, 3 (14), 150–151. [also as a separate, pp. 1–2] [1 February, ref. 13362]
http://dx.doi.org/10.1080/00222937908682492
Günther, A. (1880) *An introduction to the study of fishes*. Adam and Charles Black, Edinburgh, 720 pp. [ref. 31877]
Günther, A. (1887) Report on the deep-sea fishes collected by H. M. S. Challenger during the years 1873–76. *Report on the Scientific Results of the Voyage of H. M. S. Challenger*, 22 (57), i–lxv+ 1–268, Pls. 1–66. [dated by Low & Evenhuis (2013) before 11 October] [ref. 2013]
Hadzisce, S. (1960) Zur Kenntnis der Gattung *Salmothymus* Berg. *Izdanija*, *Zavod za Ribarstvo na SR Makedonija*, 3 (2), 39–50. [20 October, ref. 13406]
Haedrich, R.L. (1967) The stromateoid fishes: systematics and a classification. *Bulletin of the Museum of Comparative Zoology*, 135 (2), 31–139. [January, ref. 5357]
Haedrich, R.L. (1969) A new family of aberrant stromateoid fishes from the equatorial Indo-Pacific. *Dana-Report*, 76, 1–14. [ref. 2028]
Handyside, P.D. (1839) History of the Sternoptixinae, a family of the osseus fishes, and their anatomical peculiarities; with a description of the *Sternoptix Celebes*, a species not hitherto noticed. *The Edinburgh new philosophy journal*, 27 (April/ October), 324–331, Pls. 3–4. [ref. 33122]
Hardman, M. (2005) The phylogenetic relationships among non-diplomystid catfishes as inferred from mitochondrial cytochrome *b* sequences; the search for the ictalurid sister taxon (Otophysi: Siluriformes). *Molecular Phylogenetics and Evolution*, 37, 700–7209. [ref. 32181]
http://dx.doi.org/10.1016/j.ympev.2005.04.029
Hardy, G.S. (1983) A revision of the fishes of the family Pentacerotidae (Perciformes). *New Zealand Journal of Zoology*, 10 (2), 177–220. [ref. 5385]
http://dx.doi.org/10.1080/03014223.1983.10423906
Harris, P.M., Roe, K.J. & Mayden, R.L. (2005) A mitochondrial DNA perspective of the molecular systematics of the sunfish genus *Lepomis* (Actinopterygii, Centrarchidae). *Copeia*, 2005 (2), 340–346. [ref. 28246]
http://dx.doi.org/10.1643/cg-04-035r1
Harrisson, C.M.H. & Palmer, G. (1968) On the neotype of *Radiicephalus elongatus* Osório with remarks on its biology. *Bulletin of the British Museum (Natural History) Zoology*, 16 (5), 187–211. [24 May, ref. 21242]
Harry, R.R. (1953) Studies on the bathypelagic fishes of the family Paralepididae. 1. Survey of the genera. *Pacific Science*, 7 (2), 219–249. [April, ref. 2045]
Hartel, K.E. & Stiassny, M.L.J. (1986) The identification of larval *Parasudis* (Teleostei, Chlorophthalmidae); with notes on the anatomy and relationships of aulopiform fishes. *Breviora*, 487, 1–23. [29 August, ref. 5471]
Haseman, J.D. (1911) Descriptions of some new species of fishes and miscellaneous notes on others obtained during the expedition of the Carnegie Museum to central South America. *Annals of the Carnegie Museum*, 7 (3/4) (17), 315–328, Pls. 46–52. [October, ref. 2047]
Hasse, J.C.F. (1878) Das natürliche System des Elasmobranchier auf Grundlage des Baues und der Entwickelung des Wirbelsäule. *Zoologischer Anzeiger*, 1 (7) (23 September 1878), 144–148; (8) (30 September 1878), 167–172. [ref. 32587]
Hastings, P.A. & Springer, V.G. (2009) Systematics of the Blennioidei and the included families Dactyloscopidae, Chaenopsidae, Clinidae and Labrisomidae. *In:* Patzner, R.A., Gonçalves, E.J. & Hastings, P.A. (Editors), *The Biology of*

Blennies, Science Publishers, Enfield, pp. 3–30. [ref. 30391]
http://dx.doi.org/10.1201/b10301-3
Hay, A.C. & Leis, J.M. (2011) The pelagic larva of the midnight snapper, *Macolor macularis* (Teleostei, Lutjanidae). *Records of the Australian Museum*, 63, 85–88. [ref. 31399]
http://dx.doi.org/10.3853/j.0067-1975.63.2011.1578
Heckel, J.J. (1843) Ichthyologie [von Syrien]. *In*: von Russegger. J., *Reisen in Europa, Asien und Africa, mit besonderer Rücksicht auf die naturwissenschaftlichen Verhältnisse der betreffenden Länder unternommen in den Jahren 1835 bis 1841, etc., Band 1 Part 2*. E. Schweizerbart'sche Verlagshandlung, Stuttgart, pp. 990–1099. [date may be late 1842] [ref. 2066]
http://dx.doi.org/10.5962/bhl.title.35097
Heckel, J.J. (1847) Naturhistorischer Anhang. [various subtitles]. *In*: von Russegger, J., *Reisen in Europa, Asien und Afrika, mit besonderer Rücksicht auf die naturwissenschaftlichen Verhältnisse der betreffenden Länder unternommen in den Jahren 1835 bis 1841, etc., Band 2 Part 3*. E. Schweizerbart'sche Verlagshandlung, Stuttgart, pp. 207–357. [ref. 2068]
http://dx.doi.org/10.5962/bhl.title.35097
Heckel, J.J. & Kner, R. (1858) *Die Süsswasserfische der Östreichischen Monarchie, mit Rücksicht auf die angränzenden Länder*. Engelmann, Leipzig, xii + 388 pp. [printed in "Spätherbst" 1857] [December, ref. 2078]
http://dx.doi.org/10.5962/bhl.title.8197
Heemstra, P.C. (1980) A revision of the zeid fishes (Zeiformes, Zeidae) of South Africa. *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology*, 41, i–iii + 1–18. [January, ref. 14195]
Heemstra, P.C. (1990a) Centracanthidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 2*. UNESCO, Paris, pp. 768-772. [ref. 18769]
Heemstra, P.C. (1990b) Various family accounts. *In:* Gon, O. & Heemstra, P.C. (Editors), *Fishes of the Southern Ocean*. JLB Smith Institute of Ichthyology, Grahamstown, xviii + 462 pp. + 12 Pls. + 452 figs. [ref. 21682]
Heemstra, P.C. (2003) Parazenidae (pp. 1203–1204), Zeniontidae (pp. 1205–1206), Zeidae (pp. 1207–1209), Oreosomatidae (pp. 1212–1213), Grammicolepidae (pp. 1214–1216), Moronidae (pp. 1294–1296), Acropomatidae (pp. 1299–1303). *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae).* FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, pp. i–vii + 602–1373. [ref. 27043]
Heemstra, P.C. & Hecht, T. (1986) Dinopercidae, a new family for the percoid marine fish genera *Dinoperca* Boulenger and *Centrarchops* Fowler (Pisces: Perciformes). *Ichthyological Bulletin of the J. L.B. Smith Institute of Ichthyology*, 51, 1–20. [January, ref. 5971]
Heemstra, P.C. & Heemstra, E. (2004) *Coastal fishes of southern Africa*. NISC and SAIAB, xxiv + 488 pp. [ref. 28072]
Heemstra, P.C. & Kannemeyer, S.X. (1984) The families Trachipteridae and Radiicephalidae (Pisces, Lampriformes) and a new species of *Zu* from South Africa. *Annals of the South African Museum*, 94 (2), 13–39. [June, ref. 5349]
Heemstra, P.C. & Randall, J.E. (1984) Serranidae. *In:* Fischer, W. & Bianchi, G. (Editors), *FAO species identification sheets for fishery purposes: Western Indian Ocean. Volume 11*. Food and Agriculture Organization of the United Nations, Rome. [ref. 32843]
Heemstra, P.C. & Smith, M.M. (1980) Hexatrygonidae, a new family of stingrays (Myliobatiformes: Batoidea) from South Africa, with comments on the classification of batoid fishes. *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology*, 43, 1–17. [17 October, ref. 2081]
Henle, F.G.J. (1834) Ueber *Narcine*, eine neue Gattung electrischer Rochen nebst einer Synopsis der electrischen Rochen. Berlin, 44 pp. [French translation: Sur les *Narcines*, nouveau genre de raies électriques, suivi d'un synopsis des raies électriques en general. *Annales des Sciences Naturelles, Paris (série 2)*, 2 (1835), 311–315] [ref. 2092]
http://dx.doi.org/10.5962/bhl.title.6737
Henn, A.W. (1916) On various South American poeciliid fishes. *Annals of the Carnegie Museum*, 10 (1/2) (9), 93–142. [31 January, ref. 2093]
Herbert, D.G. & Bouchet, P. (2011) Chilodontidae Macalister, 1876 (Ciliophora), Chilodontinae Eigenmann, 1910 (Pisces, Characiformes), and Chilodontinae Wenz, 1938 (Mollusca, Gastropoda), proposed resolution of homonymy between family-group names. *Bulletin of Zoological Nomenclature*, 68 (3), 175–179. [September, ref. 31588]
Herre, A.W.C.T. (1925) Two strange new fishes from Luzon. *Philippine Journal of Science*, 27 (4), 507–513. [5 September, ref. 2121]
Herre, A.W.C.T. (1933) A check list of fishes from Dumaguete, Oriental Negros, P. I., and its immediate vicinity. *Journal of the Pan-Pacific Research Institution*, 8 (4), 6–11. [ref. 21453]
Herre, A.W.C.T. (1935) New fishes obtained by the Crane Pacific expedition. *Field Museum of Natural History, Publications, Zoölogical Series*, 18 (12), 383–438. [15 February, ref. 2109]
Herre, A.W.C.T. (1936) Fishes of the Crane Pacific expedition. *Field Museum of Natural History, Publications, Zoölogical Series*, 21 (353), 1–472. [15 April, ref. 22183]
Herre, A.W.C.T. (1953) Check list of Philippine fishes. *United States Fish and Wildlife Service Research Report*, 20: 1–977. [ref. 5594]
Higuchi, H., Birindelli, J.L.O., Sousa, L.M. and Britski, H.A. (2007) *Merodoras nheco*, new genus and species from Rio Paraguay basin, Brazil (Siluriformes, Doradidae), and nomination of the new subfamily Astrodoradinae. *Zootaxa*, 1446,

31–42. [12 April, ref. 29331]
Hill, R. (1862) The devil-fish of Jamaica. *The Intellectual observer, London*, 2, 167–176. [ref. 21782]
Hilton, E.J. (2002) Osteology of the extant North American fishes of the genus *Hiodon* Lesueur, 1818 (Teleostei: Osteoglossomorpha: Hiodontiformes). *Fieldiana Zoology (n. s.)*, 100, i-v + 1–142. [ref. 26579]
http://dx.doi.org/10.5962/bhl.title.2666
Hirasaka, K. & Nakamura, H. (1947) On the Formosan spear-fishes. *Bulletin of the Oceanographic Institute Taiwan*, 3, 9–24. [June, ref. 2174]
Ho, H.-C. (2013) Two new species of the batfish genus *Malthopsis* (Lophiiformes, Ogcocephalidae) from the Western Indian Ocean. *Zootaxa*, 3716 (2), 289–300. [ref. 32898]
http://dx.doi.org/10.11646/zootaxa.3716.2.9
Ho, H.-C. & Shao, K.-T. (2008) The batfishes (Lophiiformes Ogcocephalidae) of Taiwan, with descriptions of eight new records. *Journal of the Fisheries Society of Taiwan*, 35 (4), 289–313. [ref. 30133]
Hoedeman, J.J. (1950) A new characid-erythrinine fish (*Pseuderythrinus rosapinnis* gen. et. sp. nov.). *Amsterdam Naturalist (Bulletin of the Zoological Museum Amsterdam)*, 1 (3), 79–91. [23 October, ref. 2176]
Hoedeman, J.J. (1951) Studies on African characid fishes I. The tribe Alestidi. *Beaufortia*, 1(3), 1–8. [10 May, ref. 2178]
Hoedeman, J.J. (1952) Notes on the ichthyology of Surinam (Dutch Guiana). The catfish genera *Hoplostermum* and *Callichthys*, with key to the genera and groups of the family Callichthyidae. *Beaufortia*, 1 (12), 1–11. [18 March, ref. 12773]
Hoedeman, J.J. (1954) *Aquariumvissenencyclopaedie*, de Bezige Bij, Amsterdam, 527 pp. [see for an extended English edition Hoedeman (1974)]
Hoedeman, J.J. (1956) Étude des écailles des Poissons de l'ordre des Cypriniformes. *L'Aquarium et les Poissons*, 6 (7), 9–16. [July]
Hoedeman, J.J. (1961) Studies on Cyprinodontiform fishes 10. On the probable evolution of the frontal scalation patterns. *Bulletin of Aquatic Biology*, 2 (18), 82–92. [February, ref. 32210]
Hoedeman, J.J. (1974) *Naturalists' Guide to Fresh-water Aquarium Fish*. Sterling, New York, 1152 pp.
Hoedeman, J.J. & de Jong, J.C.M. (Editors) (1947–58) *Encyclopaedie voor de aquariumhouder*. Amsterdam, De Regenboog, looseleaf edition, 56 installments. [also as English edition: Hoedeman, J.J. & de Jong, J.C.M. (Editors) (1949–195?), *Encyclopedia of Waterlife*. De Regenboog, Amsterdam, looseleaf edition. [seen until August 1950] [ref. 19665]
Hoedeman, J.J. & Bronner, F.J. (1951) De orde van de tandkarpertjes. VI. Cyprinodontiformes Berg 1940. *Het Aquarium*, 22 (1), 6–10. [June, ref. 32174]
Hoese, D.F. (1984) Gobioidei: relationships. *In:* Moser, H.G. (Chief Editor), *Ontogeny and systematics of fishes*. American Society of Ichthyologists and Herpetologists, Special Publication No. 1, pp. 588–591. [ref. 5196]
http://dx.doi.org/10.5962/bhl.title.4434
Hoese, D.F. (1986) Family 240 Gobiidae, Family 241 Eleotridae, Family 242 Kraemeriidae. *In*: Smith, M.M. & Heemstra, P.C. (Editors), *Smiths' Sea Fishes*. Macmillan South Africa, Johannesburg, pp. 774–811. [ref. 5670]
Hoese, D.F., Bray, D.J., Paxton, J.R. & Allen, G.R. (2006) Fishes. *In:* Beesley, P.L. & Wells, A. (Editors), *Zoological Catalogue of Australia, Volume 35, Parts 1–3.* ABRS & CSIRO Publishing, Australia, pp. 1–2178.
Hoese, D.F. & Gill, A.C. (1993) Phylogenetic relationships of eleotrid fishes (Perciformes: Gobioidei). *Bulletin of Marine Science*, 52 (1), 415–440. [ref. 32171]
Hoese, D.F. & Paxton, J.R. (2006) Rachycentridae. *In:* Beesley, P.L. & Wells, A. (Editors), *Zoological Catalogue of Australia, Volume 35 Fishes, Part 2.* ABRS & CSIRO Publishing, Australia, pp. 1144–1145. [ref. 29087]
Hogg, J. (1841) On the existence of branchiæ in the young Cæciliæ; and on a modification and extension of the branchial classification of the Amphibia. *Annals and Magazine of Natural History*, New Series, 7 (45), 353–363. [1 July, ref. 2183]
http://dx.doi.org/10.1080/03745484109442709
Holbrook, J.E. (1860) *Ichthyology of South Carolina, 2nd edition*. Russell & Janes, Charleston, Part 1, i–vii + 1–205 Pls. [ref. 2185]
Holčík, J. (1982) Review and evolution of *Hucho*. *Acta Scientiarum Naturalium, Academiae Scientiarum Bohemoslovacae Brno (New series)*. [*Přírodovědné práce ústavů Československé akademie věd vBrně*], 16 (3), 1–29. [ref. 33065]
Hollard, H.L.G.M. (1857) Études sur les gymnodontes et en particulier sur leur ostéologie et sur les indications qu'elle peut fournir pour leur classification. *Annales des Sciences Naturelles, Paris (Zoologie)*, Série 4, 8 (5), 275–328. [ref. 2186]
Hollard, H.L.G.M. (1860) Mémoire sur le squelette des poissons plectognathes étudié au point de vue des caractères qu'il peut fournir pour la classification. *Annales des Sciences Naturelles, Paris (Zoologie)*, Série 4, 13, 5–46. [ref. 31941]
Honma, Y., Imamura, H. & Kawai, T. (2013) Anatomical description of the genus *Perryena*, and proposal to erect a new family for it based on its phylogenetic relationships with related taxa (Scorpaeniformes). *Ichthyological Research*, 60 (2), 122–144. [19 January, ref. 32416]
http://dx.doi.org/10.1007/s10228-012-0321-z
Hora, S.L. (1924) Notes on fishes in the Indian Museum. VI. On a new genus of gobioid fishes (subfamily Trypaucheninae) with notes on related forms. *Records of the Indian Museum (Calcutta)*, 26 (2), 155–163. [ref. 2205]
Hora, S.L. (1926) Notes on fishes in the Indian Museum. IX–XIV. *Records of the Indian Museum (Calcutta)*, 27 (6), 453–469, Pl. 11. [printing date on p. 476 is 8.1.26, so we use 1926 for date] [ref. 2207]
Hora, S.L. (1936) Siluroid fishes of India, Burma and Ceylon. II. Fishes of the genus *Akysis* Bleeker. III. Fishes of the genus

Olyra McClelland. IV. On the use of the generic name *Wallago* Bleeker. V. Fishes of the genus *Heteropneustes* Müller. *Records of the Indian Museum (Calcutta)*, 38 (2), 199–209. [ref. 13703]
Hoshino, K. & Amaoka, K. (1998) Osteology of the flounder, *Tephrinectes sinensis* (Lacepède) (Teleostei: Pleuronectiformes), with comments on its relationships. *Ichthyological Research*, 45 (1), 69–77. [15 February, ref. 23353] http://dx.doi.org/10.1007/bf02678576
Hossain, M.S., Sarker, S., Sharifuzzaman, S.M. & Rahman Chowdhury, S. (2013) New species of stinging catfish *Heteropneustes nani* (Siluriformes, Heteropneustidae) from Noakhali, Bangladesh. *Vertebrate Zoology*, 63 (3), 259–267. [12 December, ref. 33105]
Howell Rivero, L. (1935) The family Ateleopidae and its West Indian form. *Memorias de la Sociedad Cubana de Historia Natural*, 9 (2), 91–106. [also as a separate, pp. 1–16, Pl. 8] [25 July, ref. 15734]
Howell Rivero, L. & Rivas, L.R. (1944) Studies of cyprinodont fishes. Two new genera of the tribe Girardinini, from Cuba. *Torreia*, 12, 1–14, Pls. 1–2. [31 May, ref. 7312]
Howes, G.J. (1981) Anatomy and phylogeny of the Chinese major carps *Ctenopharyngodon* Steind., 1866 and *Hypophthalmichthys* Blkr., 1860. *Bulletin of the British Museum (Natural History) Zoology*, 41 (1), 1–52. [27 August, ref. 14200]
Howes, G.J. & Crimmen, O.A. (1990) A review of the Bathygadidae (Teleostei, Gadiformes). *Bulletin of the British Museum (Natural History) Zoology*, 56 (2), 155–203. [25 October, ref. 15692]
Hubbs, C.L. (1918) A revision of the viviparous perches. *Proceedings of the Biological Society of Washington*, 31, 9–14. [16 May, ref. 2227]
Hubbs, C.L. (1924) Studies of the fishes of the order Cyprinodontes. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 13, 1–31, Pls. 1–4. [18 January, ref. 2231]
Hubbs, C.L. (1926) A revision of the fishes of the subfamily Oligocottinae. *Occasional Papers of the Museum of Zoology University of Michigan*, 171, 1–18. [20 February, ref. 2235]
Hubbs, C.L. (1927) Notes on the blennioid fishes of western North America. *Papers of the Michigan Academy of Science Arts and Letters*, 7 (1926), 351–394. [7 April, ref. 2236]
Hubbs, C.L. (1930) Materials for a revision of the catostomid fishes of eastern North America. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 20: 1–47. [30 April, ref. 5590]
Hubbs, C.L. (1933) Observations on the flight of fishes, with a statistical study of the Cypselurinae and remarks on the evolution of the flight of fishes. *Papers of the Michigan Academy of Science Arts and Letters*, 17, 575–606. [ref. 32619]
Hubbs, C.L. (1939) *Hepsetus* to replace *Hydrocyonoides* and *Sarcodaces* for a genus of African fresh-water fishes. *Copeia,* 1939 (3), 168. [9 September, ref. 5012] http://dx.doi.org/10.2307/1436813
Hubbs, C.L. (1945) Phylogenetic position of the Citharidae, a family of flatfishes. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 63, 1–38. [ref. 26824]
Hubbs, C.L. (1946) Pertinence of the East Indian heterosomate fish genus *Leptoblepharon* to the Citharidae. *Copeia,* 1946 (2), 97. [22 July, ref. 32857] http://dx.doi.org/10.2307/1437844
Hubbs, C.L. (1950) Studies of cyprinodont fishes. XX. A new subfamily from Guatemala, with ctenoid scales and a unilateral pectoral clasper. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 78, 1–28, Pls. 1–4. [28 December, ref. 2250] http://dx.doi.org/10.1086/398926
Hubbs, C.L. (1952) Antitropical distribution of fishes and other organisms. Symposium on problems of bipolarity and of pantemperate faunas. *Proceedings of the Seventh Pacific Science Congress of the Pacific Science Association,* 3, 324–329. [ref. 32606]
Hubbs, C.L. & Hubbs, C.L. (1945) Bilateral asymmetry and bilateral variation in fishes. *Papers of the Michigan Academy of Science Arts and Letters*, 30: 229–311. [September, ref. 32639]
Hubbs, C.L. & Potter, I.C. (1971) Distribution, phylogeny and taxonomy. *In*: Hardisty, M.W. & Potter, I.C. (Editors), *The Biology of Lampreys*. Academic Press, New York, pp. 1–65. [ref. 13397]
Hubbs, C.L. & Raney, E.C. (1944) Systematic notes on North American siluroid fishes of the genus *Schilbeodes*. *Occasional Papers of the Museum of Zoology University of Michigan*, 487, 1–36. [21 September, ref. 10907]
Hubbs, C.L. & Turner, C.L. (1939) Studies of the fishes of the order Cyprinodontes. XVI. A revision of the Goodeidae. *Miscellaneous Publications, Museum of Zoology, University of Michigan*, 42, 1–80, Pls. 1–5. [9 November, ref. 2265]
Hubbs, Clark L. (1952) A contribution to the classification of the blennioid fishes of the family Clinidae, with a partial revision of eastern Pacific forms. *Stanford Ichthyological Bulletin*, 4 (2), 41–165. [15 April, ref. 2252]
Hubbs, Clark L. (1953) Revision and systematic position of the blenniid fishes of the genus *Neoclinus*. *Copeia,* 1953 (1), 11–23. [26 February, ref. 12698] http://dx.doi.org/10.2307/1440237
Huber, J.H. (2000) *Killi-Data 2000. Updated checklist of taxonomic names, collecting localities and bibliographic references of oviparous Cyprinodont fishes (Cyprinodontiformes); in french, english, german and spanish*. Cybium, Société Française d'Ichtyologie special edition, Paris, 538 pp. [ref. 32209]
Huber, J.H. (2005) A review of family-group names for oviparous Cyprinodontiformes (Pisces; Teleostei). *British Killifish*

Association Separatum, 2005 (October), 1–16.
Huber, J.H. (2007) Non-availability of a name electronically published: the case of *Adamas* Huber, 1979 (Pisces, Cyprinodontiformes, Nothobranchiidae), invalidly replaced on the Internet. *Zoosystema*, 29 (1), 209–214. [ref. 29114]
Huber, J.H. (2012) Proposal of a replacement family-group name for pre-occupied Epiplateinae Huber. *Killi-Data Series*, 2012, 4–8. [ref. 32617]
Hulley, P.A. (1972) The origin, interrelationship and distribution of southern African Rajidae (Chondrichthyes, Batoidei). *Annals of the South African Museum*, 60 (1), 1–103. [November, ref. 5611]
Human, B.A. (2010) Range extension and a further female specimen of the grinning izak (*Holohalaelurus grennian* Human 2006; Scyliorhinidae; Chondrichthyes). *Smithiana, Publications in Aquatic Biodiversity*, 11, 25–33. [ref. 30764]
Hureau, J.-C. & Monod, T. (1973) *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 6590]
Huveneers, C. (2006) Redescription of two species of wobbegongs (Chondrichthyes, Orectolobidae) with elevation of *Orectolobus halei* Whitley 1940 to species level. *Zootaxa*, 1284, 29–51. [11 August, ref. 28782]
Iljin, B.S. (1927) Opredelitel' bychkov (fam. Gobiidae) Azovskogo i Chyornogo morey [Keys to the gobies (Fam. Gobiidae) of the Sea of Azov and the Black Sea. Preliminary communication]. *Trudy Azovsko-Černomorskoj Naučno-Promyslovoj Ékspedicii [Proceedings of the Azov-Black seas Research-and-Fisheries Expedition]*, 2, 128–143, Pls. 1–2. [in Russian] [ref. 5613]
Iljin, B.S. (1930) Le système des Gobiidés. *Trabajos, Instituto Espanol de Oceanografía*, 2, 1–63. [30 March, ref. 2297]
Imamura, H. (2000) An alternative hypothesis on the phylogenetic position of the family Dactylopteridae (Pisces, Teleostei), with a proposed new classification. *Ichthyological Research*, 47 (3), 203–222. [15 August, ref. 24799] http://dx.doi.org/10.1007/bf02674244
Imamura, H. (2004) Phylogenetic relationships and new classification of the superfamily Scorpaenoidea (Actinopterygii, Perciformes). *Species Diversity*, 9 (1), 1–36. [ref. 29602]
Inger, R.F. & Chin, P.K. (1961) The Bornean cyprinoid fishes of the genus *Gastromyzon* Günther. *Copeia,* 1961 (2), 166–176. [19 June, ref. 9356] http://dx.doi.org/10.2307/1439993
International Commission on Zoological Nomenclature (1992) Opinion 1673, Liparidae Gill, 1861 (Osteichthyes, Scorpaeniformes), spelling confirmed. *Bulletin of Zoological Nomenclature*, 49 (1), 95–96. [ref. 26873]
International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature, 4th Edition.* The International Trust for Zoological Nomenclature, London, xxix + 306 pp. http://dx.doi.org/10.5962/bhl.title.50608
Isbrücker, I.J.H. (1975) *Metaloricaria paucidens*, a new species and genus of mailed catfish from French Guiana (Pisces, Siluriformes, Loricariidae). *Bulletin de l'Institut Royal des Sciences de Belgique, Biologie*, 50 (4), 1–9. [ref. 2301]
Isbrücker, I.J.H. (1979a) Descriptions préliminaries de nouveaux taxa de la famille des Loricariidae, poisons-chats cuirassés néotropicaux, avec un catalogue critique de la sous-famille nominale (Pisces, Siluriformes). *Revue française d'Aquariologie Herpétologie*, 5 (4) (1978), 86–117. [30 January, ref. 2302]
Isbrücker, I.J.H. (1979b) Les poissons de la famille des Loricariidés ou poissons-chats cuirassés. *Revue française d'Aquariologie Herpétologie*, 6 (4), 109–124. [10 December, ref. 32184]
Isbrücker, I.J.H. (1980) *Classification and catalogue of the mailed Loricariidae (Pisces, Siluriformes)*. Verslagen en Technische Gegevens No. 22, Instituut voor Taxonomische Zoölogie, Universiteit van Amsterdam, Amsterdam, 181 pp. [3 March, ref. 2303]
Isbrücker, I.J.H. (1981) Revision of *Loricaria* Linnaeus, 1758 (Pisces, Siluriformes, Loricariidae). *Beaufortia*, 31 (3), 51–96. [30 October, ref. 5522]
Isbrücker, I.J.H. (1986) Trichomycteridae, mysterieuze meervallen. *Het Aquarium*, 56 (11), 274–279. [November, ref. 31923]
Isbrücker, I.J.H. & Nijssen, H. (1974) *Rhadinoloricaria* gen. nov. and *Planiloricaria*, two genera of South American mailed catfishes (Pisces, Siluriformes, Loricariidae). *Beaufortia*, 22 (290), 67–81. [31 July, ref. 2304]
Isbrücker, I.J.H. & Nijssen, H. (1989) Diagnose dreier neuer Harnischwelsgattungen mit fünf neuen Arten aus Brasilien (Pisces, Siluriformes, Loricariidae). *Die Aquarien- und Terrarien Zeitschrift*, 42 (9), 541–547. [August, ref. 13622]
Isbrücker, I.J.H., Seidel, I., Michels, J.P., Schraml, E. & Werner, A. (2001) *Diagnose vierzehn neuer Gattungen der Familie Loricariidae Rafinesque, 1815 (Teleostei, Ostariophysi)*. Datz-Sonderheft "Harnischwelse 2' [Special issue 2], Ulmer, Stuttgart, pp. 17–24 in 72 pp. [19 September, ref. 25649]
Ishida, M. (1994) Phylogeny of the suborder Scorpaenoidei (Pisces: Scorpaeniformes). *Bulletin of the Nansei National Fisheries Research Institute*, 27, 1–112. [ref. 22378]
Ivantsoff, W., Unmack, P.J., Saeed, B. & Crowley, L.E.L.M. (1991) A redfinned blue-eye, a new species and genus of the family Pseudomugilidae from central western Queensland. *Journal of the Australia New Guinea Fishes Association*, 6 (4), 277–282. [July, ref. 19164]
Iwami, T. (1985) Osteology and relationships of the family Channichthyidae. *Memoirs of the National Institute of Polar Research (Serie E)*, 36, 1–69. [March, ref. 13368]
Iwamoto, T. (1979) Eastern Pacific macrourine grenadiers with seven branchiostegal rays (Pisces, Macrouridae). *Proceedings of the California Academy of Sciences,* Series 4, 42 (5), 135–179. [22 December, ref. 2311]
Iwatsuki, Y., Miyamoto, K., Nakaya, K. & Zhang, J. (2011) A review of the genus *Platyrhina* (Chondrichthys, Platyrhinidae)

from the northwestern Pacific, with descriptions of two new species. *Zootaxa*, 2738, 26–40. [12 January, ref. 31118]
Iwatsuki, Y. & Russell, B.C. (2006) Revision of the genus *Hapalogenys* (Teleostei, Perciformes) with two new species from the Indo-West Pacific. *Memoirs of the Museum of Victoria*, 63 (1), 29–46. [ref. 28928]
Iwatsuki, Y. & Satapoomin, U. (2009) Lutjanidae. *In*: Kimura, S., Satapoomin, U. & Matsuura, K. (Editors), *Fishes of Andaman Sea, west coast of southern Thailand*. National Museum of Nature and Science, Tokyo, pp. 135–143. [ref. 31128]
Iwatsuki, Y., Yoshino, T. & Shimada, K. (1999) Comparison of *Lutjanus bengalensis* from the western Pacific with a related species, *L. kasmira*, and variations in both species (Perciformes, Lutjanidae). *Ichthyological Research*, 46 (3), 314–317. [ref. 23961]
http://dx.doi.org/10.1007/bf02678519
Jacobina, U.P., Paiva, E. & Dergam, J.A. (2011) Pleistocene karyotypic divergence in *Hoplias malabaricus* (Bloch, 1794) (Teleostei, Erythrinidae) populations in southeastern Brazil. *Neotropical Ichthyology*, 9 (2), 325–333. [30 June, ref. 31391]
http://dx.doi.org/10.1590/s1679-62252011005000023
Jacobsen, I.P. & Bennett, M.B. (2009) A taxonomic review of the Australian butterfly ray *Gymnura australis* (Ramsay & Ogilby, 1886) and other members of the family Gymnuridae (Order Rajiformes) from the Indo-West Pacific. *Zootaxa*, 2228, 1–28. [11 September, ref. 30470]
Jarocki, F.P. (1822) *Zoologiia czyli zwiérzetopismo ogólne podlug náynowszego systematu, volume 4*. Drusarni Laukiewicza, Warszawie (Warsaw), 464 + xxvii pp.
Jayaram, K.C. (1966) Contributions to the study of the fishes of the family Bagridae. 2. A systematic account of the African genera with a new classification of the family. *Bulletin de l'Institut Francais d'Afrique Noire (Sér. A) Sciences Naturelles*, 28 (3), 1064–1139. [ref. 27559]
Jayaram, K.C. (1968) Contributions to the study of bagrid fishes (Siluroidea: Bagridae). 3. A systematic account of the Japanese, Chinese, Malayan and Indonesian genera. *Treubia Buitenzorg*, 27 (2/3), 287–386. [ref. 5615]
Jayaram, K.C. (2006) *Catfishes of India*. Narendera Publishing House, Delhi, xxii + 383 pp., 111 Pls. [ref. 28762]
Jerry, D.R., Elphinstone, M.S. & Unmack, P.R. (2001) Phylogenetic relationships of Australian members of the family Percichthyidae infered from mitochondrial 123 rRNA sequence data. *Molecular Phylogenetics and Evolution*, 18 (3), 335–347. [ref. 31837]
http://dx.doi.org/10.1006/mpev.2000.0871
Jiang, Z.-G. & Zhang, E. (2013) Molecular evidence for taxonomic status of the gudgeon genus *Huigobio* Fang, 1938 (Teleostei, Cypriniformes), with a description of a new species from Guangdong Province, South China. *Zootaxa*, 3731 (1), 171–182. [29 October, ref. 32958]
http://dx.doi.org/10.11646/zootaxa.3731.1.8
Jin, X.-B. (2006) *Fauna Sinica. Osteichthyes. Scorpaeniformes*. Science Press, Beijing, xv + 739 pp. [in Chinese, English summary]
Johnson, G.D. (1980) The limits and relationships of the Lutjanidae and associated families. *Bulletin of the Scripps Institution of Oceanography of the University of California*, 24, 1–114. [ref. 13553]
Johnson, G.D. (1984) Percoidei, development and relationships. *In:* Moser, H.G. (Chief Editor), *Ontogeny and systematics of fishes*. American Society of Ichthyologists and Herpetologists, Special Publication No. 1, pp. 464–498. [ref. 9681]
http://dx.doi.org/10.5962/bhl.title.4434
Johnson, G.D. (1986) Scombroid phylogeny, an alternative hypothesis. *Bulletin of Marine Scienc*e, 39 (1), 1–41. [ref. 5676]
Johnson, G.D., Ida, H., Sakaue, J., Sado, T., Asahida, T. & Miya, M. (2012) A 'living fossil' eel (Anguilliformes: Protanguillidae, fam. nov.) from an undersea cave in Palau. *Proceedings of the Royal Society B: Biological Sciences*, 1–11. [Appeared first as Protoanguillidae in electronic version, not nomenclaturally available, name changed to Protanguillidae in hard copy version 2012] [ref. 31476]
http://dx.doi.org/10.1098/rspb.2011.1289
Johnson, J.Y. (1862) Descriptions of some new genera and species of fishes obtained at Madeira. *Proceedings of the Zoological Society of London*, 1862 (2), 167–180, Pls. 22–23. [September, ref. 2357]
Johnson, R.K. (1974) A *Macristium* larva from the Gulf of Mexico with additional evidence for the synonymy of *Macristium* with *Bathysaurus* (Myctophiformes, Bathysauridae). *Copeia*, 1974 (4), 973–977. [31 December, ref. 7135]
http://dx.doi.org/10.2307/1442599
Johnson, R.K. & Feltes, R.M. (1984) A new species of *Vinciguerria* (Salmoniformes, Photichthyidae) from the Red Sea and Gulf of Aqaba, with comments on the depauperacy of the Red Sea mesopelagic fish fauna. *Fieldiana Zoology*, New Series, 22, i–vi + 1–35. [29 February, ref. 5348]
http://dx.doi.org/10.5962/bhl.title.2849
Jones, A.T. & Sulak, K.J. (1990) First central Pacific plate and Hawaiian record of the deep-sea tripod fish *Bathypterois grallator* (Pisces, Chlorophthalmidae). *Pacific Science*, 44 (3), 254–257. [July, ref. 20703]
Jones, G. (1985) Revision of the Australian species of the fish family Leiognathidae. *Australian Journal of Marine and Freshwater Research*, 36 (4), 559–613. [ref. 21842]
http://dx.doi.org/10.1071/mf9850559
Jordan, D.S. (1876) *Manual of the vertebrates of the northern United States, including the district east of the Mississippi River and north of North Carolina and Tennessee, exclusive of marine species.* Jansen, McClurg and Company, Chicago, 342 pp.

[Class V. Pisces on pp. 199–318] [ref. 2371]
http://dx.doi.org/10.5962/bhl.title.18275
Jordan, D.S. (1877) Contributions to North American ichthyology based primarily on the collections of the United States National Museum. No. 2. A. Notes on Cottidae .. , and Hyodontidae, with revisions of the genera and descriptions of new or little known species. *Bulletin of the United States National Museum*, 1 (10), 1–68, Pls. 44–45. [title of article varies on different pages. Also published in identical form in *Smithsonian Miscellaneous Collection*, 13 (1878)] [ref. 2374]
Jordan, D.S. (1878) Report on the collection of fishes made by Dr. Elliott Coues U.S.A. in Dakota and Montana during the seasons of 1873 and 1874. *Bulletin of the United States Geological and Geographical Survey of the Territories*, 4 (4), 777–799. [11 December, ref. 2377]
Jordan, D.S. (1880) Description of new species of North American fishes. *Proceedings of the United States National Museum*, 2 (84), 235–241. [3 February, ref. 2381]
http://dx.doi.org/10.5479/si.00963801.84.235
Jordan, D.S. (1887) A preliminary list of the fishes of the West Indies. *Proceedings of the United States National Museum*, 9 (595), 554–608. [24 February, ref. 2388]
http://dx.doi.org/10.5479/si.00963801.9-595.554
Jordan, D.S. (1888) *A manual of the vertebrate animals of the northern United States, including the district north and east of the Ozark mountains, south of the Laurentian hills, north of the southern boundery of Virginia, and east of the Missouri River; inclusive of marine species*. 5th Edition, McClurg and Company, Chicago, iii + 375 pp. [also published in 1890] [ref. 2390]
http://dx.doi.org/10.5962/bhl.title.20990
Jordan, D.S. (1890) A review of the labroid fishes of America and Europe. *United States Commission of Fish and Fisheries, Report of the Commissioner*, 15 (7) (for 1887), 599-699, Pls. 1-11. [published as a separate in 1890, in "*Report*" in 1891] [ref. 2392]
Jordan, D.S. (1895) The fishes of Sinaloa. *Proceedings of the California Academy of Sciences,* Series 2, 5, 377–514, Pls. 26–55. [also reprinted as *Contributions to Biology from the Hopkins Seaside Laboratory of the Leland Stanford Jr. University*, No. 1, 377–514, Pls. 26–55 in which publication date of September 7, 1895 was given in a prefatory note. Signature date of 15 August 1895 but not publication date] [7 September, ref. 2394]
Jordan, D.S. (1896) Notes on fishes, little known or new to science. *Proceedings of the California Academy of Sciences,* Series 2, 6, 201–244. [also reprinted as *Contributions to Biology from the Hopkins Seaside Laboratory of the Leland Stanford Jr. University*, No. 5, 201–244, Pls. 20–43 in which publication date of June 19, 1896 was given in a prefatory note. The date on the title page of the journal reads "issued March 1, 1897."] [ref. 2395]
Jordan, D.S. (1898) Description of a species of fish (*Mitsukurina owstoni*) from Japan, the type of a distinct family of lamnoid sharks. *Proceedings of the California Academy of Sciences,* Series 3 *Zoology*, 1(6), 199–204, Pls. 11–12. [also reprinted as *Contributions to Biology from the Hopkins Seaside Laboratory of the Leland Stanford Jr. University*, No. 15, 199–204, Pls. 11–12 in which publication date of January 18, 1898 was given in a prefatory note. Signature date of 15 January but not publication date] [ref. 2396]
Jordan, D.S. (1901) An error corrected. *American Naturalist*, 35 (411), 226. [March, ref. 33067]
http://dx.doi.org/10.1086/277889
Jordan, D.S. (1905) *A guide to the study of fishes Volume 2.* Henry Holt and Company, New York, xxii + errata + 599 pp. [March, ref. 31955]
Jordan, D.S. (1906) A review of the sand lances or Ammodytidae of the waters of Japan. *Proceedings of the United States National Museum*, 30 (1464), 715–719. [ref. 32265]
http://dx.doi.org/10.5479/si.00963801.30-1464.715
Jordan, D.S. (1907) A review of the fishes of the family Histiopteridae, found in the waters of Japan; with a note on *Tephritis* Günther. *Proceedings of the United States National Museum*, 32 (1523), 235–239. [12 March, ref. 2401]
http://dx.doi.org/10.5479/si.00963801.32-1523.235
Jordan, D.S. (1917) Changes in names of American fishes. *Copeia*, 49, 85–89. [4 October, ref. 2408]
http://dx.doi.org/10.2307/1435924
Jordan, D.S. (1919) On *Elephenor*, a new genus of fishes from Japan. *Annals of the Carnegie Museum*, 12 (3/4), 329–343, Pls. 54–58. [15 December, ref. 2411]
Jordan, D.S. (1923a) *A classification of fishes including families and genera as far as known*. Stanford University Publications, University Series, Biological Sciences, 3 (2), x + 77–243 pp. [reprinted in 1934 and 1963] [January, ref. 2421]
Jordan, D.S. (1923b) On the family of Achiridae or broad-soles, with description of a new species *Achirus barnharti* from California. *University of California Publications in Zoology*, 26 (1), 1–14. [ref. 10539]
Jordan, D.S. (1925) *The fossil fishes of the Miocene of southern California. Contribution VIII*. [With sections: A. Species from the diatom beds at Lompoc; B. Fossil fishes from Los Angeles County, California; C. Fishes from a quarry in Monterey County near San Miguel]. Stanford University Publications, University Series, Biological Sciences Volume 4 (1), 51 pp., 21 Pls. [ref. 2428]
Jordan, D.S. (1929) *Manual of the vertebrate animals of the northeastern United States inclusive of marine species*. 13th Edition [with an introduction by Barton Warren Evermann]. World Book Co., Yonkers-on-Hudson, N. Y., xxxi + 446 pp.

[Fishes, pp. 1–210] [ref. 6443]
Jordan, D.S. & Brayton, A.W. (1877) On *Lagochila*, a new genus of catostomoid fishes. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 29 (2), 280–283. [presentation date on volume is 9 October 1877 for p. 280 (includes new taxa), 1 January 1878 for pp. 281–283] [ref. 2435]
Jordan, D.S. & Davis, B.M. (1891) A preliminary review of the apodal fishes or eels inhabiting the waters of America and Europe. United States Commission of Fish and Fisheries, *Report of the Commissioner 16 (for 1888)* (9), 581–677, Pls. 73–80. [As a separate in 1891, in the volume in June 1892] [ref. 2437]
Jordan, D.S. & Dickerson, M.C. (1908) On a collection of fishes from Fiji, with notes on certain Hawaiian fishes. *Proceedings of the United States National Museum*, 34 (1625), 603–617. [14 September, ref. 2438]
http://dx.doi.org/10.5479/si.00963801.34-1625.603
Jordan, D.S. & Eigenmann, C.H. (1887) A review of the Gobiidae of North America. *Proceedings of the United States National Museum*, 9 (587), 477–518. [14 February, ref. 8016]
http://dx.doi.org/10.5479/si.00963801.9-587.477
Jordan, D.S. & Eigenmann, C.H. (1890) A review of the genera and species of Serranidae found in the waters of America and Europe. *Bulletin of the United States Fish Commission*, 8 (9) (for 1888), 329–441, Pls. 60–69. [separate issued in 1890] [ref. 2440]
Jordan, D.S. & Evermann, B.W. (1896a) The fishes of North and Middle America: a descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama. Part I. *Bulletin of the United States National Museum*, 47, i–ix + 1–1240. [3 October, ref. 2443]
http://dx.doi.org/10.5962/bhl.title.46755
Jordan, D.S. & Evermann, B.W. (1896b) A check-list of the fishes and fish-like vertebrates of North and Middle America. *United States Commission of Fish and Fisheries, Report of the Commissioner*, 21 (for 1895), Appendix 5, 207–584. [28 December, ref. 2442]
Jordan, D.S. & Evermann, B.W. (1898a) The fishes of North and Middle America: a descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama. Part II. *Bulletin of the United States National Museum*, 47, i–xxx + 1241–2183. [3 October, ref. 2444]
http://dx.doi.org/10.5962/bhl.title.46755
Jordan, D.S. & Evermann, B.W. (1898b) The fishes of North and Middle America: a descriptive catalogue of the species of fish-like vertebrates found in the waters of North America north of the Isthmus of Panama. Part III. *Bulletin of the United States National Museum*, 47, i–xxiv + 2183a–3136. [26 November, ref. 2445]
http://dx.doi.org/10.5962/bhl.title.46755
Jordan, D.S. & Evermann, B.W. (1900) The fishes of North and Middle America, a descriptive catalogue of the species of fish-like vertebrates found in the waters of North America, north of the Isthmus of Panama. Part IV. *Bulletin of the United States National Museum*, 47, i–ci + 3137–3313. [26 June, ref. 2446]
http://dx.doi.org/10.5962/bhl.title.39720
Jordan, D.S. & Evermann, B.W. (1902) Notes on a collection of fishes from the island of Formosa. *Proceedings of the United States National Museum*, 25 (1289), 315–368. [24 September, ref. 2447]
http://dx.doi.org/10.5479/si.00963801.25-1289.315
Jordan, D.S. & Evermann, B.W. (1903) Descriptions of new genera and species of fishes from the Hawaiian Islands. *Bulletin of the U. S. Fish Commission*, 22 (1902), 161–208. [11 April, ref. 2450]
Jordan, D.S., Evermann, B.W. & Clark, H.W. (1930) Check list of the fishes and fishlike vertebrates of North and Middle America north of the northern boundary of Venezuela and Colombia. *Report of the United States Commissioner of Fisheries (for 1928)*, (2), 1–670. [February, ref. 6476]
Jordan, D.S. & Fesler, B. (1893) A review of the sparoid fishes of America and Europe. *United States Commission of Fish and Fisheries, Report of the Commissioner*, 27 (for 1889–1891) (4), 421–544. [issued as a separate, U.S. Fish Commission Document, 219, 28 October 1893] [ref. 2455]
Jordan, D.S. & Fowler, H.W. (1902) A review of the oplegnathoid fishes of Japan. *Proceedings of the United States National Museum*, 25 (1278), 75–78. [30 August, ref. 32378]
http://dx.doi.org/10.5479/si.00963801.25-1278.75
Jordan, D.S. & Fowler, H.W. (1903a) A review of the elasmobranchiate fishes of Japan. *Proceedings of the United States National Museum*, 26 (1324), 593–674, Pls. 26–27. [30 March, ref. 2460]
http://dx.doi.org/10.5479/si.00963801.26-1324.593
Jordan, D.S. & Fowler, H.W. (1903b) A review of the dragonets (Callionymidae) and related fishes of the waters of Japan. *Proceedings of the United States National Museum*, 25 (1305), 939–959. [9 May, ref. 2462]
http://dx.doi.org/10.5479/si.00963801.25-1305.939
Jordan, D.S. & Gilbert, C.H. (1879) Notes on the fishes of Beaufort Harbor, North Carolina. *Proceedings of the United States National Museum*, 1 (55), 365–388. [pp. 365–384 published 17 March, pp. 385–388 on 25 March; also in Smithsonian Miscellaneous Collection 1880, 19 (1)] [ref. 2465]
http://dx.doi.org/10.5479/si.00963801.1-55.365
Jordan, D.S. & Gilbert, C.H. (1880) Description of a new species of deep-water fish (*Icichthys lockingtoni*), from the coast of California. *Proceedings of the United States National Museum*, 3 (154), 305–308. [18 October, ref. 2469]

http://dx.doi.org/10.5479/si.00963801.3-154.305
Jordan, D.S. & Gilbert, C.H. (1881) List of the fishes of the Pacific coast of the United States, with a table showing the distribution of the species. *Proceedings of the United States National Museum*, 3 (173) [volume for 1880], 452–458. [4 February, ref. 12598]
http://dx.doi.org/10.5479/si.00963801.3-173.452
Jordan, D.S. & Gilbert, C.H. (1883) Synopsis of the fishes of North America. *Bulletin of the United States National Museum*, 16, i–liv + 1–1018. [early April, ref. 2476]
http://dx.doi.org/10.5479/si.03629236.16.i
Jordan, D.S. & Goss, D.K. (1889) A review of the flounders and soles (Pleuronectidae) of America and Europe. United States Commission of Fish and Fisheries, *Report of the Commissioner 14 (for 1886)* (2), 225–342, Pls. 1–9. [also as a separate, 1889] [ref. 2482]
Jordan, D.S. & Hubbs, C.L. (1919) *Studies in ichthyology. A monographic review of the family of Atherinidae or silversides*. Leland Stanford Jr. University Publications, University Series [1919]: 87 pp., 12 Pls. [18 December, ref. 2485]
http://dx.doi.org/10.5962/bhl.title.13575
Jordan, D.S. & Hubbs, C.L. (1925) Record of fishes obtained by David Starr Jordan in Japan, 1922. *Memoirs of the Carnegie Museum*, 10 (2), 93–346, Pls. 5–12. [27 June, ref. 2486]
Jordan, D.S. & Jordan, E.K. (1922) A list of the fishes of Hawaii, with notes and descriptions of new species. *Memoirs of the Carnegie Museum*, 10 (1), 1–92. [1 December, ref. 2487]
http://dx.doi.org/10.5962/bhl.title.46678
Jordan, D.S. & Richardson, R.E. (1910) A review of the Serranidae or sea bass of Japan. *Proceedings of the United States National Museum*, 37 (1714), 421–474. [19 January, ref. 2494]
http://dx.doi.org/10.5479/si.00963801.37-1714.421
Jordan, D.S. & Seale, A. (1905) List of fishes collected by Dr. Bashford Dean on the island of Negros, Philippines. *Proceedings of the United States National Museum*, 28 (1407), 769–803. [3 July, ref. 2495]
http://dx.doi.org/10.5479/si.00963801.28-1407.769
Jordan, D.S. & Seale, A. (1906) The fishes of Samoa. Description of the species found in the archipelago, with a provisional check-list of the fishes of Oceania. *Bulletin of the Bureau of Fisheries*, 25 (for 1905), 173–455 + index 457–488, Pls. 33–53. [also as a separate] [15 December, ref. 2497]
http://dx.doi.org/10.5962/bhl.title.46247
Jordan, D.S. & Seale, A. (1925) Analysis of the genera of anchovies or Engraulidae. *Copeia*, 1925 (141), 27–32. [Second author name misprinted Alvin "Steele"] [30 April, ref. 2499]
http://dx.doi.org/10.2307/1437308
Jordan, D.S. & Snyder, J.O. (1901a) Descriptions of two new genera of fishes (*Ereunias* and *Draciscus*) from Japan. *Proceedings of the California Academy of Sciences,* Series 3, 2 (7/8), 377–380. [also reprinted as *Contributions to Biology from the Hopkins Seaside Laboratory of the Leland Stanford Jr. University*, 24, 377–380, Pls. 18–19, in which publication date of April 24, 1901 was given in a prefatory note] [ref. 2503]
Jordan, D.S. & Snyder, J.O. (1901b) A review of the lancelets, hag-fishes, and lampreys of Japan, with a description of two new species. *Proceedings of the United States National Museum*, 23 (1233), 725–734, Pl. 30. [16 July, ref. 9568]
http://dx.doi.org/10.5479/si.00963801.23-1233.725
Jordan, D.S. & Snyder, J.O. (1901c) A review of the gymnodont fishes of Japan. *Proceedings of the United States National Museum*, 24 (1254), 229–264. [30 November, ref. 14759]
http://dx.doi.org/10.5479/si.00963801.24-1254.229
Jordan, D.S. & Snyder, J.O. (1902a) A review of the trachinoid fishes and their supposed allies found in the waters of Japan. *Proceedings of the United States National Museum*, 24 (1263), 461–497. [28 March, ref. 2513]
http://dx.doi.org/10.5479/si.00963801.24-1263.461
Jordan, D.S. & Snyder, J.O. (1902b) A review of the labroid fishes and related forms found in the waters of Japan. *Proceedings of the United States National Museum*, 24 (1266), 595–662. [2 May, ref. 2514]
http://dx.doi.org/10.5479/si.00963801.24-1266.595
Jordan, D.S. & Snyder, J.O. (1902c) A review of the blennoid fishes of Japan. *Proceedings of the United States National Museum*, 25 (1293), 441–504. [26 September, ref. 2516]
http://dx.doi.org/10.5479/si.00963801.25-1293.441
Jordan, D.S. & Starks, E.C. (1895) The fishes of Puget Sound. *Proceedings of the California Academy of Sciences,* Series 2, 5, 785–855. [also reprinted as *Contributions to Biology from the Hopkins Seaside Laboratory of the Leland Stanford Jr. University*, 3, 785–855, Pls. 76–104, in which publication date of December 21, 1895 was given in a prefatory note] [21 December, ref. 2522]
Jordan, D.S. & Starks, E.C. (1904a) A review of the scorpaenoid fishes of Japan. *Proceedings of the United States National Museum*, 27 (1351), 91–175, Pls. 1–2. [22 January, ref. 2527]
http://dx.doi.org/10.5479/si.00963801.27-1351.91
Jordan, D.S. & Starks, E.C. (1904b) A review of the Japanese fishes of the family of Agonidae. *Proceedings of the United States National Museum*, 27 (1365), 575–599. [23 February, ref. 10665]
http://dx.doi.org/10.5479/si.00963801.27-1365.575

Jordan, D.S. & Starks, E.C. (1906) A review of the flounders and soles of Japan. *Proceedings of the United States National Museum*, 31 (1484), 161–246. [10 September, ref. 2532]
http://dx.doi.org/10.5479/si.00963801.31-1484.161
Jordan, D.S. & Starks, E.C. (1907) List of fishes recorded from Okinawa or the Riu Kiu Islands of Japan. *Proceedings of the United States National Museum*, 32 (1541), 491–504. [15 June, ref. 15147]
http://dx.doi.org/10.5479/si.00963801.32-1541.491
Jordan, D.S., Tanaka, S. & Snyder, J.O. (1913) A catalogue of the fishes of Japan. *Journal of the College of Science. Imperial University, Tokyo*, 33 (1), 1–497. [31 March, ref. 6448]
Jordan, D.S. & Thompson, J.C. (1905) The fish fauna of the Tortugas Archipelago. *Bulletin of the Bureau of Fisheries*, 24 (for 1904), 229–256. [3 May, ref. 2538]
Jordan, D.S. & Thompson, W.F. (1911) A review of the fishes of the families Lobotidae and Lutianidae, found in the waters of Japan. *Proceedings of the United States National Museum*, 39 (1792), 435–471. [30 January, ref. 2540]
http://dx.doi.org/10.5479/si.00963801.39-1792.435
Jordan, D.S. & Thompson, W.F. (1912) A review of the Sparidae and related families of perch-like fishes found in the waters of Japan. *Proceedings of the United States National Museum*, 41 (1875), 521–601. [22 January, ref. 2541]
http://dx.doi.org/10.5479/si.00963801.41-1875.521
Kami, H.T. (1973) A new subgenus and species of *Pristipomoides* (family Lutjanidae) from Easter Island and Rapa. *Copeia*, 1973 (3), 557–559. [28 August, ref. 5616]
http://dx.doi.org/10.2307/1443119
Kamohara, T. (1953) A review of the fishes of the family Chlorophthalmidae found in the waters of Japan. *Japanese Journal of Ichthyology*, 3 (1), 1–6. [31 July, ref. 12699]
Kamohara, T. (1967) *Fishes of Japan in color*. Hoikusha Publishing Company, Higashi-ku, xi + 135 pp. (September)
Kar, S. & Chakraborty, R. (2001) New record of *Saurida wanesio* Shindo & Yamada, (Osteichthyes, Myctophiformes, Synodidae) from the west Bengal coast, with a note on *Lutjanus sanguineus* (Cuvier) (Osteichthyes, Perciformes, Lutjanidae). *Journal of the Bombay Natural History Society*, 98 (1), 126–127. [publication date may be 15 June 2001] [1 April, ref. 25680]
Karaman, M.S. (1971) Süßwasserfische der Türkei. 8. Teil. Revision der Barben Europas,Vorderasiens und Nordafrikas. *Mitteilungen aus dem Hamburgischen Zoologischen Museum und Institut*, 67, 175–254, Pls. 1–2. [April, ref. 2560]
Katayama, M. (1959) Studies on the serranid fishes of Japan (1). *Bulletin of the Faculty of Education Yamaguchi University*, 8 (2), 103–180. [January, ref. 33076]
Katayama, M. (1960) *Fauna Japonica. [Vol. 1] Serranidae (Pisces)*. Tokyo. Biogeographical Society of Japan (Tokyo), viii + 189 pp., Pls. 1–86. [after February, ref. 32647]
Kaup, J.J. (1853) Uebersicht der Lophobranchier. *Archiv für Naturgeschichte*, 19 (1), 226–234. [ref. 2569]
Kaup, J.J. (1856a) Uebersicht der Aale. *Archiv für Naturgeschichte*, 22 (1), 41–77. [ref. 2572]
Kaup, J.J. (1856b) *Catalogue of the apodal fish in the collection of the British Museum*. British Museum, London, 163 pp., 19 Pls. [date possibly 1857, as used by Whitley] [ref. 2573]
http://dx.doi.org/10.5962/bhl.title.11821
Kaup, J.J. (1856c) *Catalogue of lophobranchiate fish in the collection of the British Museum*. British Museum (Natural History), London, iv + 76 pp. [ref. 2575]
http://dx.doi.org/10.5962/bhl.title.21150
Kaup, J.J. (1858a) On *Nemophis*, a new genus of riband-shaped fishes. *Proceedings of the Zoological Society of London*, 1858 (26), 168–169. [also in *Annals and Magazine of Natural History*, Series 3, 2, 301–303] [13 July, ref. 2577]
Kaup, J.J. (1858b) Uebersicht der Familie Gadidae. *Archiv für Naturgeschichte*, 24 (1), 85–93. [ref. 2576]
Kaup, J.J. (1858c) Uebersicht der Plagusinae, der fünften Subfamilie der Pleuronectidae. *Archiv für Naturgeschichte*, 24 (1), 105–110. [ref. 2579]
Kaup, J.J. (1859a) Einiges über die Acanthopterygiens à joue cuirassée Cuv. *Archiv für Naturgeschichte*, 24 (1) (for 1858), 329–343. [manuscript dated March 1859] [ref. 2580]
Kaup, J.J. (1859b) Neue aalaehnliche Fische des Hamburger Museums, beschrieben und abgebildet. *Abhandlungen aus dem Gebiete der Naturwissenschaften herausgegeben von dem Naturwissenschaftlichen Verein in Hamburg*, 4 (2), 1–29 + suppl. 1–4, Pls. 1–5. [published as a separate in 1859] [ref. 2586]
Kaup, J.J. (1860) Ueber die Chaetodontidae. *Archiv für Naturgeschichte*, 26 (1), 133–156. [ref. 2583]
Kaup, J.J. (1873) Ueber die Familie Triglidae nebst einigen Worten über die Classification. *Archiv für Naturgeschichte*, 39 (1), 71–93. [ref. 2585]
Kawaguchi, K. & Butler, J.L. (1984) Fishes of the genus *Nansenia* (Microstomatidae) with descriptions of seven new species. *Contributions in Science (Los Angeles)*, 352, 1–22. [29 October, ref. 17434]
Kido, K. (1988) Phylogeny of the family Liparididae, with the taxonomy of the species found around Japan. *Memoirs of the Faculty of Fisheries Hokkaido University*, 35 (2), 125–256. [December, ref. 12287]
Kim, C.-H. & Jun, J.-C. (1997) Provisional classification of temperate sea bass, the genus *Lateolabrax* (Pisces, Moronidae) from Korea. *Korean Journal of Ichthyology*, 9 (1), 108–113. [ref. 25729]
Kim, Y.U., Kim, Y.S., Kang, C.-B. & Kim, J.K. (1997) New record of the genus *Chlorophthalmus* (Pisces, Chlorophthalmidae) from Korea. *Korean Journal of Ichthyology*, 8 (2), 163–168. [ref. 25732]

Kimura, S., Satapoomin, U. & Matsuura, K. (2009) *Fishes of Andaman Sea, west coast of southern Thailand*. National Museum of Nature and Science, Tokyo, vi + 346 pp. [ref. 30425]

Kishimoto, H., Amaoka, K., Kohno, H. & Hamaguchi, T. (1987) A revision of the black-and-white snappers, genus *Macolor* (Perciformes, Lutjanidae). *Japanese Journal of Ichthyology*, 34 (2), 146–156. [10 September, ref. 6061]

Kishinouye, K. (1915) A study of the mackerels, cybiids, and tunas. *Suisan Gakkai*, 1 (1), 1–24. [in Japanese; English translation by Campen, W.G., Special Scientific Report, Fisheries No. 24, Fish and Wildlife Service, May 1950, pp. 1–14] [ref. 18416]

Kishinouye, K. (1917) A new order of Teleostomi. *Suisan Gakkai*, 2, 111–114. [in Japanese; English translation by Campen, W.G., Special Scientific Report, Fisheries No. 50, Fish and Wildlife Service, 1951] [November, ref. 32855]

Kljukanov, V.A. (1970) Klassifikatsiya koryushek (Osmeridae) v svyazi s osobennostyami stroeniya skeleta roda *Thaleichthys* [Classification of smelts (Osmeridae) with respect to peculiarities of skeleton structure in the genus *Thalichthys*]. *Zoologicheskii Zhurnal*, 49, 399–417. [in Russian. Author also seen as Klyukanov] [ref. 32604]

Klunzinger, C.B. (1870) Synopsis der Fische des Rothen Meeres. I. Theil. Percoiden - Mugiloiden. *Verhandlungen der Kaiserlich-Königlichen zoologisch-botanischen Gesellschaft in Wien*, 20, 669–834. [also as "Systematische Uebersicht der Fische des Rothen Meeres, als Anhang und Register zur Synopsis", Wien, 1871, + 1354–1368] [ref. 2621]
http://dx.doi.org/10.5962/bhl.title.14760

Klunzinger, C.B. (1871) Synopsis der Fische des Rothen Meeres. II. Theil. *Verhandlungen der Kaiserlich-Königlichen zoologisch-botanischen Gesellschaft in Wien*, 21, 441–688. [also as "Systematische Uebersicht der Fische des Rothen Meeres, als Anhang und Register zur Synopsis", Wien, 1871, + 1354–1368] [ref. 2622]
http://dx.doi.org/10.5962/bhl.title.14760

Kner, R. (1853a) Über die Hypostomiden, oder die zweite Hauptgruppe der Panzerfische. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe*, 10 (3), 278–282. [20 June, ref. 19870]
http://dx.doi.org/10.5962/bhl.title.12573

Kner, R. (1853b) Die Panzerwelse des K.K. Hof-naturalien-Cabinetes zu Wien. I. Abtheilung. Loricarinae. *Denkschriften der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Classe*., 6, 65–98 [separate 1–34; apparently appeared first as a separate in 1853, in volume of 1854. Abstract in *Sitzungsberichten der Kaiserlichen Akademie der Wissenschaften Wien* 1853, 113–116] [ref. 2627]
http://dx.doi.org/10.5962/bhl.title.12577

Kner, R. (1854) Die Hypostomiden. Zweite Hauptgruppe der Familie der Panzerfische. (Loricata vel Goniodontes). *Denkschriften der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Classe*, 7, 251–286 [separate 1–36; abstract in *Sitzungsberichten der Kaiserlichen Akademie der Wissenschaften Wien*, 1853, 10, 279–282. Separate probably appeared first] [ref. 2628]
http://dx.doi.org/10.5962/bhl.title.12573

Kner, R. (1867) Fische. *Reise der österreichischen Fregatte "Novara" um die Erde in den Jahren 1857–1859, unter den Befehlen des Commodore B. von Wüllerstorf-Urbair, Zoologischer Theil,* 1 (3), 275–433, Pls. 12–16. [ref. 18426]
http://dx.doi.org/10.5962/bhl.title.9173

Kner, R. & Steindachner, F. (1867) Neue Fische aus dem Museum der Herren Joh. C. Godeffroy & Sohn in Hamburg. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe*, 54 (3), 356–395, Pls. 1-5. [also as a separate, Hamburg, 1867, pp. 1-40, Pls. 1-5. Date 4 September 1967 from Fowler (MS). Often seen as 1866. Dated 1867 on cover] [ref. 2640]

Knudsen, S.W. & Clements, K.D. (2013a) *Kyphosus gladius*, a new species of sea chub from western Australia (Teleostei, Kyphosidae), with comments on *Segutilum klunzingeri* Whitley. *Zootaxa*, 3599 (1), 1–18. [3 January, ref. 32384]
http://dx.doi.org/10.11646/zootaxa.3599.1.1

Knudsen, S.W. & Clements, K.D. (2013b) Revision of the family Kyphosidae (Teleostei, Perciformes). *Zootaxa*, 3751 (1), 1–101. [24 December, ref. 33031]
http://dx.doi.org/10.11646/zootaxa.3751.1.1

Kobyliansky, S.G. (1990) Taxonomic status of microstomatid fishes and problems of classification of suborder Argentinoidei (Salmoniformes, Teleostei). *Trudy Instituta Okeanologii Imeni P.P. Shirshova*, 125, 148–177. [ref. 22788]

Kobyliansky, S.G. (2013) Two new species of green eyes of the genus *Chlorophthalmus* (Chlorophthalmidae, Aulopidae) from the continental slope and submarine rises of the western tropical part of the Indian Ocean. *Journal of Ichthyology*, 53 (6), 373–379. [author also seen as Kobylyansky. Also appeared in Russian in *Voprosy Ikhtiologii*, 53 (4), 381–388] [ref. 32874]
http://dx.doi.org/10.1134/s0032945213030077

Koefoed, E. (1927) Fishes from the sea-bottom. *Scientific Results of the Michael Sars North Atlantic Deep-Sea Expedition 1910*, 4 (1), 1–148, Pls. 1–6. [May, ref. 2650]

Kölliker, R.A. von (1853) Weitere Bemerkungen über die Helmichthyiden. *Verhandlungen der Physikalisch-Medizinischen Gesellschaft zu Würzburg*, 4 (1), 100–102. [ref. 2680]

Kotlyar, A.N. (1981) A new family, genus and species of Beryciformes, Hispidoberycidae fam. nov., *Hispidoberyx ambagiosus* gen. et sp. nov. (Beryciformes). *Voprosy Ikhtiologii*, 21 (3), 411–416. [in Russian, English translation in *Journal of Ichthyology* (1982), 21 (3), 9–13] [ref. 2666]

Kotlyar, A.N. & Parin, N.V. (1986) Two new species of *Chlorophthalmus* (Osteichthyes, Myctophiformes,

Chlorophthalmidae) from submarine mountain ridges in the south-eastern part of the Pacific Ocean. *Zoologicheskii Zhurnal*, 65 (3), 369–377. [in Russian, brief English summary] [ref. 5850]
Kottelat, M. (2000a) The type species of the genus-group names *Coius* Hamilton, 1822 and *Datnia* Cuvier, 1829 and type-genus of the family-group name Datnioididae Bleeker, 1858 [*sic*]. *Journal of South Asian Natural History*, 5 (1), 91–94. [ref. 25865]
Kottelat, M. (2000b) Nomenclature and types of *Ophicephalus marginatus* and *O. limbatus* (Teleostei, Channidae). *Journal of South Asian Natural History*, 5 (1), 95–96. [ref. 25864]
Kottelat, M. (2003) *Parambassis pulcinella*, a new species of glassperch (Teleostei, Ambassidae) from the Ataran River basin (Myanmar), with comments on the family-group names Ambassidae, Chandidae and Bogodidae. *Ichthyological Exploration of Freshwaters*, 14 (1), 9–18. [ref. 26756]
Kottelat, M. (2010) *Ephippus* Cuvier, 1816, Ephippidae Gill, 1861, *Scatophagus* Cuvier, 1831 and Scatophagidae Bleeker, 1876 (Osteichthyes), proposed conservation of current usage by designation of *Chaetodon orbis* Bloch, 1787 as the type species of *Ephippus*. *Bulletin of Zoological Nomenclature*, 67 (4), 303–306. [December, ref. 31206]
Kottelat, M. (2011a) Pieter Bleeker in the Netherlands East Indies (10 March 1842 – ca. 21 September 1860): new biographical data and a chronology of his zoological publications. *Ichthyological Exploration of Freshwaters*, 22 (1): 11–94. [March, ref. 31413]
Kottelat, M. (2011b) The grammatical gender of fish generic nomina based on the stem *–butis* (Teleostei: Perciformes: Gobioidei). *Zootaxa*, 3120: 67–68. [6 December, ref. 31660]
Kottelat, M. (2012) Conspectus Cobitidum: an inventory of the loaches of the world (Teleostei: Cypriniformes: Cobitoidei). *The Raffles Bulletin of Zoology*, Suppl. 26, 1–199. [28 December, ref. 32367]
Kottelat, M. (2013a) Dates of publication of Bleeker's *Atlas ichthyologique* and *Poissons de Madagascar*. *Zootaxa*, 3681 (3), 281–285. [21 June, ref. 32740]
http://dx.doi.org/10.11646/zootaxa.3681.3.7
Kottelat, M. (2013b) The fishes of the inland waters of southeast Asia, a catalogue and core bibiography of the fishes known to occur in freshwaters, mangroves and estuaries. *The Raffles Bulletin of Zoology*, Supplement 27, 1–663. [22 November, ref. 32989]
Kottelat, M. & Freyhof, J. (2009) Notes on the taxonomy and nomenclature of some European freshwater fishes. *Ichthyological Exploration of Freshwaters*, 20 (1), 75–90. [March, ref. 30320]
Koumans, F.P. (1931) *A preliminary revision of the genera of the gobioid fishes with united ventral fins*. Proefschrift (Ph.D. Dissertation), Rijks-Universiteit Leiden, Leiden, 174 pp. [4 December, ref. 5623]
Krefft, G. (1973) Squatinidae (pp. 49–50), Chimaeridae (pp. 78–79), Rhinochimaeridae (p.80), Alepocephalidae (pp. 86–93), Bathyprionidae (p. 94), Searsiidae (pp. 95–98), Scopelosauridae (pp. 168–169), Caproidae (pp. 353–354), Chiasmodontidae (pp. 452–454). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7166]
Krefft, G. (1986) Family 78 Notosudidae. *In*: Smith, M.M. & Heemstra, P.C. (Editors), *Smiths' Sea Fishes*. Macmillan South Africa, Johannesburg, pp. 268–270. [ref. 5684]
Krefft, G. (1990) Rhinochimaeridae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 114–116. [ref. 19321]
Krefft, G. & Maul, G.E. (1955) *Notosudis lepida* n. sp. (Iniomi, Notosudidae), eine neue Fischart aus dem östlichen Nord-Atlantik. *Archiv für Fischereiwissenschaft*, 6 (5/6), 305–316. [ref. 12207]
Krefft, G. & Stehmann, M.F.W. (1973) Pristidae (pp. 51–52), Rhinobatidae (pp. 53–54), Torpedinidae (pp. 55–57), Dasyatidae (pp. 70–73), Myliobatidae (pp. 74–75), Rhinopteridae (p. 76), Mobulidae (p. 77). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7167]
Krefft, G. & Tortonese, E. (1973) Oxynotidae (pp. 35–36), Squalidae (pp. 37–48). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7165]
Kryzanowsky, S.G. (1947) Sistema semejstva karpovych ryb (Cyprinidae). [Systematic status of the family Cyprinidae]. *Zoologicheskii Zhurnal*, 26 (1), 53–64. [in Russian. Author also seen as Kryzanovskij or Kryzhanovskiy] [ref. 32215]
Kuiter, R.H. (1997) *Guide to sea fishes of Australia. A comprehensive reference for divers and fishermen*. New Holland Publishers, French Forest, Australia, xvii + 434 pp. [first edition 1996; reprinted with amendments 1997, 1999; reprinted 2000] [ref. 25488]
Kuiter, R.H. & Allen, G.R. (1986) A synopsis of the Australian pygmy perches (Percichthyidae), with the description of a new species. *Revue française d'Aquariologie Herpétologie*, 12 (4) (1985), 109–116. [21 July, ref. 5213]
Kukuev, E.I. (2006) The second capture of a rare shark *Scymnodalatias garricki* (Dalatiidae) on a rise of the South Azores Complex and additional data on the disribution of *S. albicauda*. *Journal of Ichthyology*, 46 (9), 811–814. [ref. 31008]
http://dx.doi.org/10.1134/s0032945206090153
Kukuev, E.I., Parin, N.V. & Truno, I.A. (2013) Materials for the revision of the family Caristiidae (Perciformes) 3. Manefishes (genus *Caristius*) from moderate warm waters of the Pacific and Atlantic oceans with a description of three new species from the southeast Atlantic (*C. barsukovi* sp. nov., *C. litvinovi* sp. nov., *C. walvisensis* sp. nov.). *Journal of Ichthyology*, 53 (8), 541–561. [appeared first in Russian in *Voprosy Ikhtiologii*, 53 (5), 540–562] [June, ref. 32928]

http://dx.doi.org/10.1134/s0032945213040036
Kulkarni, C.V. (1940) On the systematic position, structural modifications, bionomics and development of a remarkable new family of cyprinodont fishes from the province of Bombay. *Records of the Indian Museum (Calcutta)*, 42 (2), 379–423. [June, ref. 2697]
Kullander, S.O. (1998) A phylogeny and classification of the South American Cichlidae (Teleostei: Perciformes). *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 461–498. [ref. 23855]
Kyle, H.M. (1900) The classification of the flat-fishes (Heterosomata). *Annual Report of the Fishery Board for Scotland*, 18, 335–368, Pls. 11–12. [ref. 33087]
Ladiges, W. in Grzimek, B. (Editor) (1970a) *Grzimeks Tierleben Band IV Fische 1*. Kindler Verlag, Zürich, 556 pp.
Ladiges, W. in Grzimek, B. (Editor) (1970b) *Grzimeks Tierleben Band V Fische 2 und Lurche*. Kindler Verlag, Zürich, 568 pp.
Lagler, K.F., Bardach, J.E. & Miller, R.R. (1962) *Ichthyology.* John Wiley & Sons, New York, 545 pp.
Lagler, K.F., Bardach, J.E., Miller, R.R. & May Passino, D.R. (1977) *Ichthyology, 2nd edition*. John Wiley & Sons, New York, 506 pp.
Lal Mohan, R.S. (1972) A synopsis of the Indian genera of the fishes of the family Sciaenidae. *Indian Journal of Fisheries*, 16 [1969] (1/2), 82–98. [July, ref. 5743]
Lamboj, A. (2004) *Die Cichliden des westlichen Afrikas*, Birgit Schmettkamp Verlag, Bornheim, Germany, 253 pp. [ref. 32237]
Lan, J.-H., Zhao, Y.-H. & Zhang, C.-G. (2004) A new species of the genus *Sinocyclocheilus* from China (Cypriniformes, Cyprinidae, Barbinae). *Acta Zootaxonomica Sinica*, 29 (2), 377–380. [in Chinese, English synopsis] [ref. 27903]
Langeani, F. (1998) Phylogenetic study of the Hemiodontidae (Ostariophysi, Characiformes). *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 145–160. [ref. 23841]
Larson, H.K. (1999) Allocation to *Calamiana* and redescription of the fish species *Apocryptes variegatus* and *Vaimosa mindora* (Gobioidei, Gobiidae, Gobionellinae) with description of a new species. *The Raffles Bulletin of Zoology*, 47 (1), 257–281. [ref. 23907]
Larson, H.K. (2001a) Lectotype designation for *Gobius sarasinorum* Boulenger (Pisces, Gobiodei, Gobiidae, Gobionellinae). *The Beagle, Records of the Museums and Art Galleries of the Northern Territory*, 17, 67. [ref. 25769]
Larson, H.K. (2001b) Family Kraemeriidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 4 (Labridae to Latimeriidae), estuarine crocodiles, sea turtles, sea snakes and marine mammals*. FAO, Rome, 6, p. 3604. [ref. 26294]
Larson, H.K. (2001c) Families Microdesmidae, Schindleriidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 4 (Labridae to Latimeriidae), estuarine crocodiles, sea turtles, sea snakes and marine mammals*. FAO, Rome, 6, pp. 3607–3609. [ref. 26296]
Larson, H.K. (2009) Review of the gobiid fish genera *Eugnathogobius* and *Pseudogobiopsis* (Gobioidei, Gobiidae, Gobionellinae), with descriptions of three new species. *The Raffles Bulletin of Zoology*, 57 (1), 127–181. [ref. 30125]
Larson, H.K. (2010) A review of the gobiid fish genus *Redigobius* (Teleostei, Gobionellinae), with description of two new species. *Ichthyological Exploration of Freshwaters*, 21 (2), 123–191. [ref. 30783]
Larson, H.K. & Buckle, D. (2005) A new species of the circumtropical goby genus *Gnatholepis* Bleeker (Teleostei, Gobiidae, Gobionellinae) from northern Australia. The Beagle, Records of the Museums and Art Galleries of the Northern Territory, 21, 67–72. [December, ref. 28489]
Larson, H.K. & Buckle, D.J. (2012) A revision of the goby genus *Gnatholepis* Bleeker (Teleostei, Gobiidae, Gobionellinae), with description of a new species. *Zootaxa*, 3529, 1–69. [29 October, ref. 32272]
Last, P.R. & Chidlow, J.A. (2008) Two new wobbegong sharks, *Orectolobus floridus* sp. nov. and *O. parvimaculatus* sp. nov. (Orectolobiformes, Orectolobidae), from southwestern Australia. *Zootaxa*, 1673, 49–67. [4 January, ref. 29433]
Last, P.R. & Stevens, J.D. (1994) *Sharks and rays of Australia*. Australian Fisheries Research & Development Corporation, CSIRO, Hobart, vii + 513 pp., 84 Pls. [ref. 23873]
Last, P.R. & Stevens, J.D. (2009) *Sharks and rays of Australia, 2nd edition*. Harvard University Press, Cambridge, vi + 550 pp., 91 Pls. [May]
Last, P.R., Yearsley, G.K. & Motomura, H. (2005) *Lioscorpius trifasciatus*, a new scorpionfish (Scorpaeniformes, Setarchidae) from the south-west Pacific Ocean. *Zootaxa*, 1038, 11–22. [ref. 28323]
Latreille, P.A. (1823) De l'organisation extérieure des céphalopodes comparée avec celle de divers poissons. *Mémoires de la Société d'Histoire Naturelle Paris (série 2)*, 1, 269–272. [ref. 31886]
Latreille, P.A. (1825) *Familles naturelles du règne animal, exposées succinctement et dans un ordre analitique, avec l'indication de leurs genres*. J.-B. Baillière, Paris, 570 pp. [ref. 31889]
http://dx.doi.org/10.5962/bhl.title.16094
Le Danois, Y. (1955) Sur le remaniement du sous-ordre des poissons Plectognathes et le définition d'un nouveau sous-ordre: les Orbiculates. *Comptes Rendus Hebdomadaires des séances de l'Académie des sciences*, 240 (19), 1933–1934. [ref. 32645]
Leach, W.E. (1818) Some observations on the genus *Squalus* of Linné, with descriptions and outline figures of two British

species. *Memoirs of the Wernerian Natural History Society, Edinburgh*, 2, 61–66. [ref. 12565]
Lee, C.L. & Joo, D.S. (1997) A new record of family Chanidae (Gonorhynchiformes; Chanoidei) from Korea. *Korean Journal of Ichthyology*, 9 (1), 1–4. [ref. 25728]
Lee, S.-C. & Cheng, H.-L. (1996) Genetic difference between two snappers, *Lutjanus ophuysenii* and *L. vitta* (Teleostei, Lutjanidae). *Ichthyological Research*, 43 (3), 340–344. [20 August, ref. 22435]
http://dx.doi.org/10.1007/bf02347607
Leipertz, S.L. (1985) A review of the fishes of the agonid genus *Xeneretmus* Gilbert. *Proceedings of the California Academy of Sciences,* Series 4, 44 (3), 17–40. [29 August, ref. 5243]
Li, S.-Z. & Wang, H.-M. (1995) *Fauna Sinica. Osteichthyes. Pleuronectiformes.* Science Press, Beijing, vii + 433 pp. [in Chinese, English summary] [ref. 16193]
Li, S.-Z. & Zhang, C.-G. (Editors) (2011) *Fauna Sinica. Osteichthyes: Atheriniformes, Cyprinodontiformes, Beloniformes, Ophidiiformes, and Gadiformes.* Science Press, Beijing, xvii + 946 pp. [in Chinese, English summary] [May, ref. 31777]
Li, W.-X., Ran, J.-C. & Chen, H.-M. (2006) A new genus and species of Labeoninae from Guizhou, China. *Journal of Zhanjiang Ocean University*, 26 (3), 1–2. [in Chinese, English abstract] [ref. 29057]
Liem, K.F. (1962) The comparative osteology and phylogeny of the Anabantoidei (Teleostei, Pisces). *Illinois Biological Monographs*, 30 (for 1963), i–viii + 1-149. [1 December, ref. 20932]
http://dx.doi.org/10.5962/bhl.title.50281
Lindberg, G.U. (1971) *Opredelitel' i kharakteristika semeystv ryb mirovoy fauny [Families of the fishes of the world: a check list and a key]*. Nauka, Leningrad, 472 pp. [in Russian. English translation by Hardin, H. (1973), *Fishes of the world: a key to families and a checklist*, Israel Program for Scientific Translations, distributed by John Wiley & Sons, New York, 545 pp.] [2 August, ref. 27211]
Lindberg, G.U. & Krasyukova, Z.J. or Z.V. (1975) *Ryby Yaponskogo morya i sopredel'nykh chastey Okhotskogo i Zhyoltogo morey [Fishes of the Sea of Japan and Adjacent Territories of the Okhotsk and Yellow Sea. Part 4. Teleostomi. XXIX. Perciformes. 2. Blennioidei - 13. Gobioidei. (CXLV. Fam. Anarhichadidae - CLXXV. Fam. Periophthalmidae)]*, 463 pp., 329 figs. [in Russian] [ref. 7348]
Liu, H. (2007) Lutjanidae. *In*: Stiassny, M.L.J., Teugels, G.G. & Hopkins, C.D. (Editors), *The fresh and brackish water fishes of Lower Guinea, West-Central Africa. [Poissons d'eaux douces et saumâtres de basse Guinée, ouest de l'Afrique centrale]* Faune et flore tropicales. Publications scientifiques du Museum, MRAC, volume 2, pp. 407–414. [ref. 30077]
Lloris, D. & Rucabado, J.A. (1990) Lutjanidae (pp. 773–779), Pomacentridae (pp. 842–850). *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 2*. UNESCO, Paris, pp. 520–1080. [ref. 15959]
López-Arbarello, A. (2004) Taxonomy of the genus *Percichthys* (Perciformes, Percichthyidae). *Ichthyological Exploration of Freshwaters*, 15 (4), 331–350. [ref. 28106]
Low, M.E.Y. & Evenhuis, N.L. (2013) Dates of publication of the Zoology parts of the Report of the Scientific Results of the Voyage of H.M.S. Challenger During the Years 1873–76, *Zootaxa*, 3701 (4), 401–420. [21 August, ref. 32987]
http://dx.doi.org/10.11646/zootaxa.3701.4.1
Lowe, R.T. (1838) A synopsis of the fishes of Madeira; with the principal synonyms, Portuguese names, and characters of the new genera and species. *Transactions of the Zoological Society of London*, 2 (3), 173–200. [5 December, ref. 2831]
http://dx.doi.org/10.1111/j.1469-7998.1839.tb00017.x
Lowe, R.T. (1839) A supplement to a synopsis of the fishes of Madeira. *Proceedings of the Zoological Society of London*, 1839 (7), 76–92. (October, ref. 2829]
Lowe, R.T. (1843) Notices of fishes newly observed or discovered in Madeira during the years 1840, 1841, and 1842. *Proceedings of the Zoological Society of London*, 1843 (11), 81–95. [December, ref. 2832]
Lowe, R.T. (1852) An account of fishes discovered or observed in Madeira since the year 1842. *Proceedings of the Zoological Society of London*, 1850 (18), 247–253. [24 January, ref. 2835]
Lozano Rey, L. (1960) Peces fisoclistos. Part 3a. Subseries toracicos (Órdenes Equenviformes y Gobiformes) (reediciún). *Memorias de la Real Academie de Ciencias de Madrid*, 14 (3), 1–615. [ref. 32636]
Lucena, C.A.S. de & Menezes, N.A. (1998) A phylogenetic analysis of *Roestes* Günther and *Gilbertolus* Eigenmann, with a hypotheses on the relationships of the Cynodontidae and Acestrorhynchidae (Teleostei: Ostariophysi: Characiformes). *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 261–278. [ref. 23776]
Lucinda, P.H.F. & Reis, T.E. (2005) Systematics of the subfamily Poeciliinae Bonaparte (Cyprinidontiformes: Poeciliidae), with an emphasis on the tribe Cnesterodontini Hubbs. *Neotropical Ichthyology*, 3 (1), 1–60. [31 March, ref. 29205]
http://dx.doi.org/10.1590/s1679-62252005000100001
Lundberg, J.G. & Akama, A. (2005) *Brachyplatystoma capapretum*: a new species of goliath catfish from the Amazon basin, with a reclassification of allied catfishes. *Copeia,* 2005 (3), 492–516. [ref. 28312]
http://dx.doi.org/10.1643/ci-04-036r1
Lundberg, J.G., Bornbusch, A.H. & Mago-Leccia, F. (1991) *Gladioglanis conquistador* n. sp. from Ecuador with diagnoses of the subfamilies Rhamdiinae Bleeker and Pseudopimelodinae n. subf. (Siluriformes: Pimelodidae). *Copeia,* 1991 (1), 190–209. [7 February, ref. 19521]
http://dx.doi.org/10.2307/1446263

Lundberg, J.G., Sullivan, J.P. & Hardman, M. (2011) Phylogenetics of the South American catfish family Pimelodidae (Teleostei, Siluriformes) using nuclear and mitochondrial gene sequences. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 161, 153–189. [October, ref. 31593]
http://dx.doi.org/10.1635/053.161.0110

Mabuchi, K., Fraser, T.H., Song, H., Azuma, Y. & Nishida, M. (2014) Revision of the systematics of the cardinalfishes (Percomorpha: Apogonidae) based on molecular analyses and comparative reevaluation of morphological characters. *Zootaxa*, 3846 (2), 151–203. [1 August, ref. 33426]
http://dx.doi.org/10.11646/zootaxa.3846.2.1

MacLeay, W.S. (1841) Correspondence. *Calcutta Journal of Natural History*, 2, 263–274. [ref. 32498]
http://www.biodiversitylibrary.org/item/114205

MacLeay, W.S. (1842) On the natural arrangement of fishes. *Annals and Magazine of Natural History*, New Series, 9 (57), 197–207. [1 May, ref. 32499]
http://dx.doi.org/10.1080/03745484209445326

Maeda, K., Saeki, T. & Tachihara, K. (2011) New record of a freshwater terapontid fish, *Mesopristes cancellatus* (Teleostei, Terapontidae) from Okinawa Islands in the Ruykyu Archipelago. *Biogeography (International Journal of Biogeography, Phylogeny, Taxonomy, Ecology, Biodiversity, Evolution, and Conservation Biology)*, 13, 45–50. [20 September, ref. 32004]

Mago-Leccia, F. (1978) Los peces de la familia Sternopygidae de Venezuela. *Acta Cientifica Venezolana*, 29 (supplement 1), 1–89. [ref. 5489]

Makushok, V.M. (1958) Morfologicheskie osnovy sistemy stikheevykh i blizkikh k nim semeystv ryb (Stichaeoidae, Blennioidei, Pisces) [The morphology and classification of the northern blennioid fishes (Stichaeidae, Blennioidei, Pisces)]. *Trudy Zoologicheskogo Instituta Akademiia nauk Soiuza Sovetskikh Sotsialisticheskikh Respublik [Proceedings of the Zoological Institute of the USSR Academy of Sciences]*, 25, pp. 3–129. [in Russian, English translation in 1959 by the Ichthyological Laboratory, United States Fish & Wildlife Service] [ref. 2878]

Makushok, V.M. (1961) The Neozoarcinae (Zoarcidae, Blennioidei, Pisces) and its place in the classification of fishes. *Trudy Instituta Okeanologii Imeni P.P. Shirshova*, 43, 198–224. [in Russian] [ref. 26645]

Malabarba, L.R. (1998) Monophyly of the Cheirodontinae, characters and major clades (Ostariophysi: Characidae). *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 193–233. [ref. 23844]

Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors) (1998) *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, 603 pp. [ref. 23777]

Maldonado-Ocampo, J.A., López-Fernández, H., Taphorn, D.C., Bernard, C.R., Crampton, W.G.R. & Lovejoy, N.R. (2013) *Akawaio penak*, a new genus and species of Neotropical electric fish (Gymnotiformes, Hypopomidae) endemic to the upper Mazaruni River in the Guiana Shield. *Zoologica Scripta*, 1–10. [26 August, ref. 32878]
http://dx.doi.org/10.1111/zsc.12035

Malm, A.W. (1877) *Göteborgs och Bohusläns fauna*. Ryggradsdjuren, Göteborg, 674 pp. [author also seen as Malm, A.V.] [ref. 2881]

Mamonekene, V. & Stiassny, M.L.J. (2012) A new *Bathyaethiops* (Characiformes, Alestidae) from the Lékoumou River (Kouilou-Niari Basin) in the Republic of Congo; first record of the genus in the Lower Guinean Ichthyological Province. *Copeia*, 2012 (3), 478–483. [28 September, ref. 32195]
http://dx.doi.org/10.1643/ci-11-082

Mandrytsa, S.A. (2001) *Seysmosensornaya sistema i klassifikatsiya skorpenovidnykh ryb (Scorpaeniformes: Scorpaenoidei) [Lateral line system and classification of scorpaenoid fishes (Scorpaeniformes: Scorpaenoidei)]*. Ph.D. dissertation, Perm University, Perm, 393 pp. [in Russian, English summary. Author also seen as Mandritsa] [ref. 25636]

Mariguela, T.C., Ortí, G., Avelino, G.F., Abe, K.T. & Oliveira, C. (2013) Composition and interrelationships of the large Neotropical freshwater fish group, the subfamily Cheirodontidae (Characiformes: Characidae), a case study based on mitochondrial and nuclear DNA sequences. *Molecular Phylogenetics and Evolution*, 68, 23–34. [26 March, ref. 32650]
http://dx.doi.org/10.1016/j.ympev.2013.03.011

Markevich, A.I. (2005) The chab [sic, chub] *Kyphosus bleekeri* (Kyphosidae), a new species in the ichthyofauna of the Peter the Great Bay (the Sea of Japan). *Voprosy Ikhtiologii*, 45 (2), 283–284. [in Russian] [ref. 28210]

Markle, D.F. & Olney, J.E. (1990) Systematics of the pearlfishes (Pisces, Carapidae). *Bulletin of Marine Science*, 47 (2), 269–410. [ref. 18996]

Marshall, A.D., Compagno, L.J.V. & Bennett, M.B. (2009) Redescription of the genus *Manta* with resurrection of *Manta alfredi* (Krefft, 1868) (Chondrichthyes; Myiobatoidei; Mobulidae). *Zootaxa*, 2301, 1–28. (1 December, ref. 30599]

Marshall, N.B. (1961) A young *Macristium* and the ctenothrissid fishes. *Bulletin of the British Museum (Natural History) Zoology*, 7 (8), 355–370. [June, ref. 32613]

Marshall, N.B. (1966a) *Bathyprion danae* a new genus and species of alepocephaliform fishes. *Dana-Report*, 68, 1–10. [ref. 2894]

Marshall, N.B. (1966b) Family Scopelosauridae. *In*: Mead, G.W. & Anderson, W.W. (Editors), *Fishes of the Western Atlantic Volume 5*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 194–203. [ref. 33178]

Marshall, N.B. & Cohen, D.M. (1973) Order Anacanthini (Gadiformes), characters and synopsis of families. *In*: Cohen, D.M. (Editor), *Fishes of the Western Atlantic Volume 6*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 479–495. [ref. 32614]

Martin, K.C. & Barclay, S. (2013) New distribution records for the Cairns rainbowfish *Cairnsichthys rhombosomoides* (Melanotaeniidae), implications for conservation of a restricted northern population. *aqua, International Journal of Ichthyology*, 19 (3), 155–164. [ref. 32819]

Masuda, H., Amaoka, K., Araga, C., Uyeno, T. & Yoshi, T. (1984) *The fishes of the Japanese Archipelago*. Tokai University Press, Tokyo, xxii + 437 pp., 370 Pls. [ref. 6441]

Masuda, H., Amaoka, K., Uyeno, T. & Yoshino, T. (1988) *The fishes of the Japanese Archipelago, 2nd edition*. Tokai University Press, Tokyo, xxii + 456 pp., 378 Pls. [ref. 13363]

Masuda, H., Araga, C. & Yoshi, T. (1975) *Coastal fishes of southern Japan*. Tokai University Press, Tokyo, 379 pp., 142 pls. (on pp. 9–151). [in English & Japanese] [ref. 2902]

Matsubara, K. (1943) Studies on the scorpaenoid fishes of Japan (II). *Transactions Sigenkagaku Kenkyusyo*, 2, 171–486. [August, ref. 2905]

Matsubara, K. (1955) *Fish morphology and hierarchy*. Ishizaki-Shoten, Tokyo, part 1, 789 pp. [in Japanese] [ref. 18463]

Mattox, G.M.T. & Toledo-Piza, M. (2012) Phylogenetic study of the Characinae (Teleostei: Characiformes; Characidae). *Zoological Journal of the Linnean Society*, 165, 809–915. [ref. 32651]
http://dx.doi.org/10.1111/j.1096-3642.2012.00830.x

Maul, G.E. (1954) Monografia dos peixes do Museu Municipal do Funchal. Ordem Berycomorphi. [Additions to previously revised families]. *Boletim do Museu Municipal do Funcha*l, 7 (17), 1–41. [November, ref. 32626]

Maul, G.E. (1956) Monographia dos peixes do Museu Muncipital do Funchal. Order Discocephali. *Boletim do Museu Municipal do Funchal*, 9 (23), 5–75. [December, ref. 32844]

Mayden, R.L. (Editor) *Systematics, historical ecology, & North American freshwater fishes*. Stanford University Press, Stanford, vii + 969 pp. [1992, ref. 23260]

Mayden, R.L. & Chen, W.-J. (2010) The world's smallest vertebrate species of the genus *Paedocypris*: A new family of freshwater fishes and the sister group to the world's most diverse clade of freshwater fishes (Teleostei: Cypriniformes). *Molecular Phylogenetics and Evolution*, 57 (1), 152–175. [ref. 32164]
http://dx.doi.org/10.1016/j.ympev.2010.04.008

Mbimbi Mayi Munene, J.J. & Stiassny, M.L.J. (2012) A new *Alestopetersius* (Characiformes, Alestidae) from the Kwilu River (Kasai basin) of central Africa; with a phylogeny for the genus and synonymy of *Duboisialestes*. *Zootaxa*, 3166, 59–68. [19 January, ref. 31766]

McAllister, D.E. (1968) The evolution of branchiostegals and associated opercular, gular, and hyoid bones and the classification of teleostome fishes, living and fossil (Biological Series No. 77). *Bulletin National Museum of Canada*, 221, 1–239. [ref. 26854]

McAllister, D.E. (1990) A list of the fishes of Canada. *Syllogeus*, 64, 1–310. [in English and French] [ref. 14674]

McClelland, J. (1838) Observations on six new species of Cyprinidae, with an outline of a new classification of the family. *Journal of the Asiatic Society of Bengal*, 7 (November), 941–948, Pls. 55-56. [ref. 2924]
http://www.biodiversitylibrary.org/item/123637#page/417/mode/1up

McClelland, J. (1839) Indian Cyprinidae. *Asiatic Researches*, 19 (2), 217–471, Pls. 37–61. [also as McClelland, J. (1841) Indian Cyprinidae. *Annals of Natural History, or Magazine of Zoology, Botany, and Geology*, 8 (48, 49, 50), 35–46, 108–121, 192–203; author spelled as M'Clelland, we use one spelling McClelland for simplicity] [ref. 2923]
http://www.biodiversitylibrary.org/item/137987#page/271/mode/1up

McClelland, J. (1842) On the fresh-water fishes collected by William Griffith, Esq., F. L. S. Madras Medical Service, during his travels under the orders of the Supreme Government of India, from 1835 to 1842. *Calcutta Journal of Natural History*, 2 (8), 560–589, Pls. 6, 15, 18, 21. [cover dated January, 1842, but data for material collected in 1842 is included. Author spelled as M'Clelland, we use one spelling McClelland for simplicity] [ref. 2926]
http://www.biodiversitylibrary.org/item/114205#page/606/mode/1up

McClelland, J. (1844) Apodal fishes of Bengal. *Calcutta Journal of Natural History*, 5 (18), 151–226. [sometimes cited as 1845 in recent literature] [5 July, ref. 2928]
http://www.biodiversitylibrary.org/item/124975#page/167/mode/1up

McCosker, J.E. (1977) The osteology, classification, and relationships of the eel family Ophichthidae. *Proceedings of the California Academy of Sciences,* Series 4, 41 (1), 1–123. [15 February, ref. 6836]

McCosker, J.E., Böhlke, E.B. & Böhlke, J.E. (1989) Family Ophichthidae. *In*: Böhlke, E.B. (Editor), *Fishes of the western North Atlantic, Volume 9 (1) Orders Anguilliformes and Saccopharyngiformes.* Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 254–412. [ref. 13288]

McCulloch, A.R. (1915) Notes and illustrations of Queensland fishes. *Memoirs of the Queensland Museum*, 3, 47–56. [28 January, ref. 2943]

McCulloch, A.R. (1921) Studies in Australian fishes. No. 7. *Records of the Australian Museum*, 13 (4), 123–142, Pls. 21–24. [12 April, ref. 2945]
http://dx.doi.org/10.3853/j.0067-1975.13.1921.863

McCulloch, A.R. (1922) Check list of the fish and fish-like animals of New South Wales. Part III. *Australian Zoologist*, 2 (3),

86–130, Pls. 25–43. [also as: *Australian Zoological Handbook*, number 1, xxvi + 104 pp., xliii Pls.] [10 February, ref. 17624]
http://dx.doi.org/10.5962/bhl.title.21645
McCulloch, A.R. (1923) Fishes from Australia and Lord Howe Island. No. 2. *Records of the Australian Museum*, 14 (2), 113–125, Pls. 14–16. [10 December, ref. 2946]
http://dx.doi.org/10.3853/j.0067-1975.14.1923.833
McCulloch, A.R. (1929–30) A check-list of the fishes recorded from Australia. Parts I–IV. *Memoirs of the Australian Museum, Sydney*, 5, 1–534. [I, pp. 1–144 (29 June 1929); II, pp. 145–329 (10 September 1929); III, pp. 329–436 (28 November 1929); IV, pp. 437–534 (26 May 1930)] [ref. 2948]
McCully, H.H. (1961) *The comparative anatomy of the scales of serranid fishes*. Unpublished Ph.D. Dissertation, Stanford University, 248 pp.
McDowall, R.M. (1969) Relationships of galaxioid fishes with a further discussion on salmoniform classification. *Copeia,* 1969 (4), 796–824. [5 December, ref. 32607]
http://dx.doi.org/10.2307/1441803
McDowell, S.B. (1973) Order Heteromi (Notacanthiformes). *In*: Cohen, D.M. (Editor), *Fishes of the Western Atlantic Volume 6*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 1–228. [ref. 24539]
McEachran, J.D. (1984) Anatomical investigations of the New Zealand skates *Bathyraja asperula* and *B. spinifera*, with an evaluation of their classification within the Rajoidei (Chondrichthyes). *Copeia,* 1984 (1), 45–58. [23 February, ref. 5225]
http://dx.doi.org/10.2307/1445033
McEachran, J.D. & Dunn, K.A. (1998) Phylogenetic analysis of skates, a morphologically conservative clade of elasmobranchs (Chondrichthyes: Rajidae). *Copeia*, 1998 (2), 271-290. [1 May, ref. 23312]
http://dx.doi.org/10.2307/1447424
McEachran, J.D., Dunn, K.A. & Miyake, T. (1996) Interrelationships of the batoid fishes (Chondrichthyes: Batoidea). *In:* Stiassny, M.L.J., Parenti, L.R. & Johnson, G.D. (Editors), *Interrelationships of Fishes*. Academic Press, San Diego, pp. 63–84. [ref. 32589]
http://dx.doi.org/10.1016/b978-012670950-6/50005-9
McEachran, J.D. & Séret, B. (1990) Gymnuridae, Myliobatididae, Rhinopteridae, Mobulidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO. Paris, pp. 64–76. [ref. 19318]
McGuigan, K.L. (2001) An addition to the rainbowfish (Melanotaeniidae) fauna of north Queensland. *Memoirs of the Queensland Museum*, 46 (2), 647–655. [10 May, ref. 25582]
Mead, G.W. (1957) An Atlantic record of the zeoid fish *Parazen pacificus*. *Copeia,* 1957 (3), 235–237. [26 August, ref. 33068]
http://dx.doi.org/10.2307/1439374
Mead, G.W. (1966) Family Bathysauridae. *In*: Mead, G.W. & Anderson, W.W. (Editors), *Fishes of the Western Atlantic Volume 5*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 103–113. [ref. 32841]
Mecklenburg, C.W. (2003a) Family Hemitripteridae Gill 1872 - sea ravens or sailfin sculpins. *California Academy of Sciences Annotated Checklists of Fishes*, 5, 1–6. [ref. 27294]
Mecklenburg, C.W. (2003b) Family Pholidae Gill 1893 - gunnels. *California Academy of Sciences Annotated Checklists of Fishes*, 9, 1–11. [ref. 27299]
Meek, S.E. (1904) The fresh-water fishes of Mexico north of the isthmus of Tehuantepec. *Field Columbian Museum, Zoological Series*, 5, i–lxiii + 1–252. [23 September, ref. 2958]
http://dx.doi.org/10.5962/bhl.title.15940
Meisner, A.D. & Collette, B.B. (1999) Generic relationships of the internally-fertilized southeast Asian halfbeaks (Hemiramphidae, Zenarchopterinae). *In*: Séret, B. & Sire, J.-Y. (Editors), *Proceedings of the 5th Indo-Pacific Fish Conference, Nouméa*, *New Caledonia*. Société Française d'Ichtyologie / Institut de recherche pour le développement, Paris, pp. 69–76. [ref. 23950]
Meléndez C., R. & Markle, D.F. (1990) Carapidae. *In*: Gon, O. & Heemstra, P.C. (Editors), *Fishes of the Southern Ocean*. J. L. B. Smith Institute of Ichthyology, Grahamstown, pp. 208–209. [ref. 21690]
Menezes, N.A., Buckup, P.A., de Figueiredo, J.L. & de Moura, R.L. (Editors) (2003) *Catálogo das espécies de peixes marinhos do Brasil*. Museu de Zoologia de Universidade de São Paulo, 159 pp. [ref. 27192]
Menon, A.G.K. (1977) A systematic monograph of the tongue soles of the genus *Cynoglossus* Hamilton-Buchanan (Pisces, Cynoglossidae). *Smithsonian Contributions to Zoology*, 238, i–iv + 1–129. [25 April, ref. 7071]
http://dx.doi.org/10.5479/si.00810282.238
Menon, A.G.K. (1999) Check list, Fresh water fishes of India. *Records of the Zoological Survey of India, Occasional Paper*, 175, i–xxviii + 1–366. [September, ref. 24904]
Merella, P., Massutí, E. & Deudero, S. (1998) On the occurrence of *Kyphosus sectator* (Osteichthyes, Kyphosidae) in the western Mediterranean. *Journal of the Marine Biological Association of the United Kingdom*, 78 (2), 687–690. [May, ref. 25007]
http://dx.doi.org/10.1017/s0025315400041771

Merrett, N.R. (1990) Chlorophthalmidae (Chlorophthalminae). *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 351–352. [ref. 15012]

Miles, C.W. (1943) *Estudio economico y ecologico de los peces de agua dulce del valle de Cauca*. Publ. Secret. Agric. y Fomento del Depart. Estudio economico y ecologico de los peces de agua dulce del vallede Cauca, 99 pp. [ref. 13211]

Miles, R.S. (1977) Dipnoan (lungfish) skulls and the relationships of the group: a study based on new species from the Devonian of Australia. *Zoological Journal of the Linnean Society*, 61 (1/3), 1–328. [August, ref. 32643] http://dx.doi.org/10.1111/j.1096-3642.1977.tb01031.x

Miller, P.J. (1973) The osteology and adaptive features of *Rhyacichthys aspro* (Teleostei: Gobioidei) and the classification of the gobioid fishes. *Journal of Zoology (London)*, 171 (3), 397–434. [November, ref. 25577] http://dx.doi.org/10.1111/j.1469-7998.1973.tb05347.x

Minding, J. (1832) *Lehrbuch der Naturgeschichte der Fische*. August Rücker, Berlin, xii + 132 pp. [ref. 3022] http://dx.doi.org/10.5962/bhl.title.58963

Miranda Ribeiro, A. de (1911) Fauna brasiliense. Peixes. Tomo IV (A) [Eleutherobranchios Aspirophoros]. *Arquivos do Museu Nacional de Rio de Janeiro*, 16, 1–504, Pls. 22–54. [September, ref. 3716]

Miranda Ribeiro, A. de (1913–15) Fauna brasiliense. Peixes. Tomo V. [Eleutherobranchios aspirophoros]. Physoclisti. *Arquivos do Museu Nacional de Rio de Janeiro*, 17, [1–679] or 755 pp. with title pages, 31 Pls., 3 tabs. [Serranidae, Haemulidae and Sciaenidae published in 1913; issued in parts by family(ies). Not continuously paginated, plates unnumbered. Dates established from Miranda Ribeiro (1918)] [ref. 3711]

Miranda Ribeiro, A. de (1918) Fauna brasiliense. Peixes. Tomo V. [Eleutherobranchios Aspirophoras]. Physoclisti. Summario do Tomo V. *Arquivos do Museu Nacional de Rio de Janeiro*, 21, 1-227. [includes synonymies for species and an index to "Fauna brasiliense"] [ref. 20859]

Miranda Ribeiro, P. de (1959) Considerações sobre Callichthyidae Gill, 1872 (Nematognathi). *Boletim do Museu Nacional, Zoologia (N. S.)*, 206, 1–9. [ref. 32837]

Mirande, J.M. (2010) Phylogeny of the family Characidae (Teleostei, Characiformes) from characters to taxonymy. *Neotropical Ichthyology*, 9 (1), 385–568. [ref. 31006] http://dx.doi.org/10.1590/s1679-62252010000300001

Mirza, M.R. (1991) A contribution to the systematics of the schizothoracine fishes (Pisces: Cyprinidae) with the description of three new tribes. *Pakistan Journal of Zoology*, 23 (4), 339–341. [ref. 19441]

Mirza, M.R. (2000) A contribution to the fishes of the river Kurram with proposal of a new subfamilyAspidoparinae (Cyprinidae). *Science International (Lahore)*, 12 (4), 355–357. [ref. 25207]

Mirza, M.R. & Afridi, R. (2002) A note on the distribution of the snow-carps (Pisces: Cyprinidae: Schizothoracinae) in Pakistan and Kashmir. *Pakistan Journal of Zoology*, 34 (2), 171–173. [ref. 26429]

Mishra, S.S., Biswas, S., Russell, B.C., Satpathy, K.K. & Selvanayagam, M. (2013) A new species of the genus *Scolopsis* Cuvier, 1830 (Perciformes, Nemipteridae) from southern India and Sri Lanka. *Zootaxa*, 3609 (4), 443–449. [31 January, ref. 32430] http://dx.doi.org/10.11646/zootaxa.3609.4.7

Mo, T.-P. (1991) *Anatomy and systematics of Bagridae (Teleostei) and siluroid phylogeny*. Theses Zoologicae 17, Koeltz, Koenigstein, vii + 216 pp. + 43 unnum. illust. [ref. 19952]

Mooi, R.D. (1993) Phylogeny of the Plesiopidae (Pisces: Perciformes) with evidence for the inclusion of the Acanthoclinidae. *Bulletin of Marine Science*, 52 (1), 284–326. [ref. 21801]

Mooi, R.D. (2001) Family Leptobramidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 3 (Menidae to Pomacentridae).* FAO, Rome, 5, pp. iii–iv + 2791–3379, Pls. I–XXVII. [ref. 26112]

Mooi, R.D. & Gill, A.C. (1995) Association of epaxial musculature with dorsal-fin pterygiophores in acanthomorph fishes, and its phylogenetic significance. *Bulletin of the Natural History Museum London (Zoology)*, 61 (2), 121–137. [30 November, ref. 23497]

Moreau, É. (1881) *Histoire naturelle des poissons de la France*, Masson, Paris, volume 1: vii + 480 pp.; volume 2: 572 pp.; volume 3: 697 pp. [supplement in 1891, 144 pp.] [ref. 3040] http://dx.doi.org/10.5962/bhl.title.1146

Morgan, D.L., Beatty, S.J. & Adams, M. (2013) *Nannoperca pygmaea*, a new species of pygmy perch (Teleostei, Percichthyidae) from Western Australia. *Zootaxa*, 3637 (4), 401–411. [12 April, ref. 32652] http://dx.doi.org/10.11646/zootaxa.3637.4.1

Mori, T. (1933) On the classifications of cyprinoid fishes, *Microphysogobio*, nov. gen. and *Saurogobio*. *Dobutsugaku Zasshi (Zoological Magazine) Tokyo*, 45, 114–115. [in Japanese] [ref. 7968]

Motomura, H., Last, P.R. & Johnson, J.W. (2008) Review of the waspfish genus *Liocranium* (Scorpaeniformes, Tetrarogidae), with restoration of *L. pleurostigma* (Weber). *Zootaxa*, 1820, 27–40. [9 July, ref. 29851]

Moura, R.L. de & Lindeman, K.C. (2007) A new species of snapper (Perciformes, Lutjanidae) from Brazil, with comments on the distribution of *Lutjanus grieus* and *L. apodus*. *Zootaxa*, 1422, 31–43. [8 March, ref. 29018]

Mukhacheva, V.A. (1980) A review of the genus *Ichthyococcus* Bonaparte (Photichthyidae). *Voprosy Ikhtiologii*, 20 (6), 771–786. [in Russian, English translation in *Journal of Ichthyology*, 20 (65), 1–14] [ref. 8685]

Müller, J. (1843) Beiträge zur Kenntniss der natürlichen Familien der Fische. *Archiv für Naturgeschichte*, 9, 292–330. [ref. 3063]
Müller, J. (1845) Über den Bau und die Grenzen der Ganoiden, und über das natürliche System der Fische. *Archiv für Naturgeschichte*, 11 (1), 91–141. [ref. 32591]
Müller, J. (1846) Über den Bau und die Grenzen der Ganoiden und über das natürliche System der Fische. *Abhandlungen der Königlichen Akademie der Wissenschaften zu Berlin*, for 1844, 117–216, Pls. 1–6. [ref. 13283]
Müller, J. & Henle, F.G.J. (1837) Ueber die Gattungen der Plagiostomen. *Archiv für Naturgeschichte*, 3, 394–401, 434 [Nachträgliche Bemerkung]. [the same as Müller, J. & Henle, F.G.J. (1837) Über die Gattungen der Haifische und Rochen nach einer ... mit Hrn. Henle unternommenen gemeinschaftlichen Arbeit über die Naturgeschichte der Knorpelfische. *Bericht über die zur Bekanntmachung geeigneten Verhandlungen der Königlich Preußischen Akademie der Wissenschaften zu Berlin*, 1837, 111–118. Presented 31 July 1837, probably published late 1837. A synopsis appeared in *L'Institut*, 1837 (?1838), 63–65] [ref. 13421]
Müller, J. & Henle, F.G.J. (1838–41) *Systematische Beschreibung der Plagiostomen*. Veit und Comp., Berlin, XXII + 200 pp., 60 pls. [pp. 1–28 published in 1838, reset pp. 27–28, 29–102 in 1839; pp. I–XXII + 103–200 in 1841] [ref. 3069]
Müller, J. & Troschel, F.H. (1849) Beschreibung und Abbildung neuer Fische, *Horae Ichthyologicae*, 3, 1–27 + additional p. 24, Pls. 1–5. [ref. 3073]
http://dx.doi.org/10.5962/bhl.title.6935
Munro, I.S.R. (1958) Handbook of Australian Fishes No. 29 [pp. 117–120, figs. 774–793]. *Fisheries news-letter (Australia)*, 17 (11), 17–20. [11 November, ref. 20253]
Munro, I.S.R. (1964) Additions to the fish fauna of New Guinea. *Papua New Guinea Agricultural Journal*, 16 (4), 141–186, 1 map. [March, ref. 3058]
Munro, I.S.R. (1967) *The fishes of New Guinea*. Department of Agriculture, Stock and Fisheries, Port Moresby, New Guinea, xxxvii + 651 pp., 6 + 78 Pls. [Pls. 1–6 in color, second set in black and white] [ref. 6844]
Munroe, T.A. (2003) Bothidae (Pp. 1885–1895), Scophthalmidae (Pp. 1896–1897), Paralichthyidae (Pp. 1898–1921), Poecilopsettidae (Pp. 1922–1923), Achiridae (Pp. 1925–1933), Cynoglossidae (Pp. 1934–1959). *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 3: Bony fishes part 2 (Opistognathidae to Molidae)*. FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, vi + 1375-2127 pp. [published June 2003, date on cover is 2002] [ref. 27118]
Myers, G.S. (1925) Results of some recent studies on the American killifishes. *The Fish Culturist*, 4 (8), 370–371. [April, ref. 5744]
Myers, G.S. (1928) The systematic position of the phallostethid fishes, with diagnosis of a new genus from Siam. *American Museum Novitates*, 295, 1–12. [1 February, ref. 3101]
Myers, G.S. (1931a) On the fishes described by Koller from Hainan in 1926 and 1927. *Lingnan Science Journal, Canton*, 10 (2/3), 255–262. [ref. 31927]
Myers, G.S. (1931b) The primary groups of oviparous cyprinodont fishes. *Stanford University Publications, University Series, Biological Sciences*, 6, 243–254. [ref. 32213]
Myers, G.S. (1938) Studies on the genera of cyprinodont fishes XIV. *Aplocheilichthys* and its relatives in Africa. *Copeia,* 1938 (3), 136–143. [24 September, ref. 32227]
http://dx.doi.org/10.2307/1436593
Myers, G.S. (1941) The fish fauna of the Pacific Ocean, with special reference to zoogeographical regions and distribution as they affect the international aspects of the fisheries. *Proceedings of the Sixth Pacific Science Congress*, 3, 201–210. [April, ref. 32845]
Myers, G.S. (1944) Two extraordinary new blind nematognath fishes from the Rio Negro, representing a new subfamily of Pygidiidae, with a rearrangement of the genera of the family, and illustrations of some previously described genera and species from Venezuela and Brazil. *Proceedings of the California Academy of Sciences,* Series 4, 23 (40), 591–602, Pls. 52–56. [7 November, ref. 3123]
Myers, G.S. (1946) Ichthyological notes. On a recently published new family of deep-seafishes (Barbourisiidae, Parr, 1945). *Copeia*, 1946 (1), 41–42. [30 April, ref. 32620]
http://dx.doi.org/10.2307/1438820
Myers, G.S. (1949) The family group name of the characid fishes. *Copeia*, 1949 (3), 195–204. [15 Sep., ref. 33129]
http://dx.doi.org/10.2307/1438986
Myers, G.S. (1950) Studies on South American fresh-water fishes. II. The genera of anostomine characids. *Stanford Ichthyological Bulletin*, 3 (4), 184–198. [21 August, ref. 3124]
Myers, G.S. (1955) Notes on the classification and names of cyprinodont fishes. *Tropical Fish Magazine*, 1955 (March), 7. [March, ref. 3126]
Myers, G.S. (1960) A new zeomorph fish of the family Oreosomatidae from the coast of California, with notes on the family. *Stanford Ichthyological Bulletin*, 7 (4), 89–98. [ref. 9580]
Myers, G.S. & Böhlke, J.E. (1956) The Xenurobryconini, a group of minute South American characid fishes with teeth outside the mouth. *Stanford Ichthyological Bulletin*, 7 (2), 6–12. [30 August, ref. 5937]
Myers, G.S. & Freihofer, W.C. (1966) Megalomycteridae, a previously unrecognized family of deep-sea cetomimiform fishes

based on two new genera from the North Atlantic. *Stanford Ichthyological Bulletin*, 8 (3), 193–207. [7 October, ref. 3088]
Myers, G.S. & Storey, M.H. (1956) Curatorial practices in zoological research collections 2. System followed in filing specimens of Recent fishes in the natural history museum of Stanford University. *Circular Number 6 of the Natural History Museum of Stanford University*, i-viii + 1-44 [originally compiled in December 1939, emended 1939-1956; on the cover of the Circular: "They are not generally available or for sale"; work not published according to ICZN Article 8.1] [October, ref. 32831]
Myers, G.S. & Wade, C.B. (1942) The Pacific American atherinid fishes of the genera *Eurystole*, *Nectarges*, *Coleotropis* and *Melanorhinus*. *Allan Hancock Pacific Expedition 1932–40, Los Angeles*, 9 (5), 113–149. [30 March, ref. 3134]
Myers, G.S. & Weitzman, S.H. (1966) Two remarkable new trichomycterid catfishes from the Amazon basin in Brazil and Colombia. *Journal of Zoology (London)*, 149, 277–287. [ref. 3136]
http://dx.doi.org/10.1111/j.1469-7998.1966.tb04049.x
Nakabo, T. (Editor) (1993) *Fishes of Japan with pictorial keys to the species*. Tokai University Press, Tokyo, 1478 pp. [in Japanese; also English edition in 2002, lxi + 1749 pp.] [ref. 33124]
Nalbant, T.T. (1986) Studies on chaetodont fishes. III. Redescription of the genus *Roaops* Maugé & Bauchot, 1984, and some problems on the phylogeny and evolution of butterflyfishes (Pisces, Chaetodontidae). *Travaux du Muséum d'Histoire Naturelle "Grigore Antipa"*, 28, 163–176, 6 pls. [ref. 6135]
Nalbant, T.T. (2002) Sixty million years of evolution. Part one: family Botiidae (Pisces: Ostariophysi: Cobitoidea). *Travaux du Muséum d'Histoire Naturelle "Grigore Antipa"*, 44, 309–333, Pls. 1–12. [ref. 27361]
Nalbant, T.T. & Bănărescu, P.M. (1977) Vaillantellinae, a new subfamily of Cobitidae (Pisces, Cypriniformes). *Zoologische Mededelingen (Leiden)*, 52 (8), 99–105. [26 October, ref. 7045]
Nardo, G.D. (1843) Considerazione sopra alcune nuove famiglie de' Syngnathi e de' Plectognathi, e sui caratteri anatomici che le distinguono. *Atti della Quarta Riunione degli Scienziati Italiani, Padova*, (for 1842), pp. 244–245. [ref. 31940]
Nardo, G.D. (1844) Proposizione per la formazione di un nuovo genere di Salachi chiamato *Caninoa* o *Caninotus* che costituirebbe una nuova sotto-famiglia prossima ai Natidani. *Annali delle Scienze del Regno Lombardo-Veneto, Vicenza*, 13, 8–9. [ref. 3151]
Near, T.J., Bolnick, D.I. & Wainwright, P.C. (2004) Investigating phylogenetic relationships of sunfishes and black basses (Actinopterygii, Centrarchidae) using DNA sequences from mitochondrial and nuclear genes. *Molecular Phylogenetics and Evolution*, 32, 344–357. [ref. 27954]
http://dx.doi.org/10.1016/j.ympev.2003.12.010
Neilson, M.E. & Stepien, C.A. (2009) Escape from the Ponto-Caspian: evolution and biogeography of an endemic goby species flock (Benthophilinae: Gobiidae: Teleostei). *Molecular Phylogenetics and Evolution*, 52, 84–102. [ref. 30487]
http://dx.doi.org/10.1016/j.ympev.2008.12.023
Nelson, E.M. (1955) The morphology of the swim bladder and auditory bulla in the Holocentridae. *Fieldiana Zoology*, 37, 121–130. [ref. 26709]
http://dx.doi.org/10.5962/bhl.title.2938
Nelson, G.J. & Rothman, N.N. (1973) The species of gizzard shads (Dorosomatinae) with particular reference to the Indo-Pacific region. *Bulletin of the American Museum of Natural History*, 150 (2), 133–206. [19 March, ref. 7578]
Nelson, J.S. (1976) *Fishes of the World*. John Wiley & Sons, New York, xiii + 416 pp. [ref. 32838]
Nelson, J.S. (1978) *Limnichthys polyactis*, a new species of blennioid fish from New Zealand, with notes on the taxonomy and distribution of other Creediidae (including Limnichthyidae). *New Zealand Journal of Zoology*, 5 (2), 351–364. [ref. 8902]
http://dx.doi.org/10.1080/03014223.1978.10428321
Nelson, J.S. (1984) *Fishes of the World, 2nd edition*. John Wiley & Sons, New York, xv + 523 pp. [ref. 13596]
Nelson, J.S. (1994) *Fishes of the World, 3rd edition*. John Wiley & Sons, New York, xvii + 600 pp. [ref. 26204]
Nelson, J.S. (2006) *Fishes of the World, 4th edition*. John Wiley & Sons, New York, xix + 601 pp. [ref. 32486]
Nelson, J.S., Crossman, E.J., Espinosa Pérez, H., Findley, L.T., Gilbert, C.R., Lea, R.N. & Williams, J.D. (2004) *Common and scientific names of fishes from the United States, Canada, and Mexico, 6th edition*. American Fisheries Society, Special Publication 29, 386 pp. [ref. 27807]
Neyelov, A.V. (1976)] Obzor bakhromchatykh bychkov roda *Porocottus* Gill i blizkikh knemu rodov (Cottidae, Myoxocephalinae) [Review of fringed sculpins of the genus *Porocottus* Gill and of closely related genera (Cottidae, Myoxocephalinae)]. *In:* Skarlato, O.A. (Editor), *Zoogeografiya i sistematika ryb [Zoogeography and systematics of fishes]*. Nauka, Leningrad, pp. 78–112. [in Russian] [after 21 April, ref. 33073
Neyelov, A.V. (1979) *Seysmosensornaya sistema i klassifikatsiya kerchakovykh ryb (Cottidae: Myoxocephalinae, Artediellinae) [Seismosensory system and classification of Cottidae fishes (Cottidae: Myoxocephalinae, Artediellinae)]*. Nauka, Leningrad, 208 pp. [in Russian] [ref. 3152]
Ng, P.K.L. & Lim, K.K.P. (1991) The identity of *Ophicephalus cyanospilos* Bleeker from Sumatra, and a new record of *Channa bankanensis* (Bleeker) from Peninsular Malaysia (Pisces, Channidae). *The Raffles Bulletin of Zoology*, 39 (1), 119–130. [ref. 18920]
Nguyen, T.T. & Ho, H.N. (2013) Phong Nha - Ke Bang is of one genesis center of Cyprinini. *In: Basic Research in life sciences*. Nha Xuat Ban Khoa Hoc Va Ky Thuat [Science and Technology Publishing House], Hanoi, pp. 1129–1133. [in Vietnamese, English summary] [ref. 33123]
Nichols, J.T. (1943) *The fresh-water fishes of China*. American Museum of Natural History, New York, xxxvi + 322 pp., 10 Pls.

[30 December, ref. 26787]
Nichols, J.T. & La Monte, F.R. (1933) New fishes from the Kasai district of the Belgian Congo. *American Museum Novitates*, 656, 1–6. [8 September, ref. 3187]
Nielsen, J.G. (1968) Redescription and reassignment of *Parabrotula* and *Leucobrotula* (Pisces, Zoarcidae). *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening*, 131, 225–249. [32 December, ref. 32615]
Nielsen, J.G., Cohen, D.M., Markle, D.F. & Robins, C.R. (1999) *FAO species catalogue volume 18, Ophidiiform fishes of the world (Order Ophidiiformes). An annotated and illustrated catalogue of pearlfishes, cusk-eels, brotulas and other ophidiirorm fishes known to date*. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, FAO, Rome, xi + 178 pp. [ref. 24448]
Nishida, K. (1990) (December) Phylogeny of the suborder Myliobatidoidei. *Memoirs of the Faculty of Fisheries Hokkaido University*, 37 (1/2), 1–108. [ref. 19783]
Nock, C.J., Elphinstone, M.S., Rowland, S.J. & Baverstock, P.R. (2010) Phylogenetics and revised taxonomy of the Australian freshwater cod genus, *Maccullochella* (Percichthyidae). *Marine and Freshwater Research*, 61, 980–991. [ref. 30979] http://dx.doi.org/10.1071/mf09145
Nolf, D. (1985) Otolithi Piscium. *In:* Schultze, H.P. (Editor), *Handbook of Paleoichthyology Volume 10*. Fischer, Stuttgart and New York, pp. 1–145. [ref. 32968]
Norman, J.R. (1934) *A systematic monograph of the flatfishes (Heterosomata). Vol. I. Psettodidae, Bothidae, Pleuronectidae*. British Museum (Natural History), London, viii + 459 pp. [ref. 6893] http://dx.doi.org/10.5962/bhl.title.8585
Norman, J.R. (1944) Notes on the blennioid fishes. I. A provisional synopsis of the genera of the family Blenniidae. *Annals and Magazine of Natural History,* Series 11, 10 (72) [for December 1943], 793–812. [19 January, ref. 3228] http://dx.doi.org/10.1080/03745481.1943.9728060
Norman, J.R. (1957) *A draft synopsis of the orders, families and genera of recent fishes and fish-like vertebrates*. British Museum Natural History. Draft Synopsis, 649 pp. [mimeographed; work not published according to ICZN Article 8.1] [ref. 31890]
Norman, J.R. & Greenwood, P.H. (1975) *A history of fishes, 3rd edition*. Ernest Benn, London, 467 pp.
Notarbartolo-di-Sciara, G. (1987) A revisionary study of the genus *Mobula* Rafinesque, 1810 (Chondrichthyes, Mobulidae) with the description of a new species. *Zoological Journal of the Linnean Society*, 91 (1), 1–91. [September, ref. 9133] http://dx.doi.org/10.1111/j.1096-3642.1987.tb01723.x
Ochiai, A. (1959) *Morphology, taxonomy and ecology of the soleoid fishes found in Japan*. iv + 236 pp. [in Japanese, mimeographed; work not published according to ICZN Article 8.1] [November, ref. 32996]
Ochiai, A. (1963) *Fauna Japonica. Soleina (Pisces)*. Biogeographical Society of Japan, vi + 114 pp., 24 Pls. [ref. 7982]
Ogihara, G. & Motomura, H. (2012) First record of *Neocentropogon aeglefinus japonicus* from Kagoshima Prefecture, southern Japan, with a synopsis of waspfishes (Scorpaeniformes, Tetrarogidae) in Kagoshima Prefecture. *Nature of Kagoshima*, 38, 139–144. [in Japanese] [March, ref. 32409]
Ogilby, J.D. (1896) A new family of Australian fishes. *Proceedings of the Linnean Society of New South Wales*, 21 (2), 118–135. [23 September, ref. 32616]
Ogilby, J.D. (1897) New genera and species of Australian fishes. *Proceedings of the Linnean Society of New South Wales*, 22 (1), 62–95. [17 September, ref. 3272]
Ogilby, J.D. (1899a) Additions to the fauna of Lord Howe Island. *Proceedings of the Linnean Society of New South Wales*, 23 (4), 730–745. [19 May, ref. 3277]
Ogilby, J.D. (1899b) Contributions to Australian ichthyology. *Proceedings of the Linnean Society of New South Wales*, 24 (1), 154–186. [8 August, ref. 3279]
Ogilby, J.D. (1913) Edible fishes of Queensland. Part I. Family Pempheridae. Part II. The gadopseiform percoids. *Memoirs of the Queensland Museum*, 2, 60–80. [10 December, ref. 3291]
Ogilby, J.D. (1916) Edible fishes of Queensland. Parts IV through IX. *Memoirs of the Queensland Museum*, 5, 127–177. [10 July, ref. 3297]
Okamoto, M. (2011) A new species of deepwater cardinalfish, *Epigonus mayeri*, from the eastern central Atlantic, and redescription of *Epigonus heracleus* Parin and Abramov 1986 (Perciformes, Epigonidae). *Ichthyological Research*, 58 (2), 101–108. [April, ref. 31268] http://dx.doi.org/10.1007/s10228-010-0195-x
Okamoto, M. & Motomura, H. (2013) Two new species of deepwater cardinalfish from the Indo-Pacific, with a definition of the *Epigonus pandionis* group (Perciformes, Epigonidae). *Ichthyological Research*, 1–11. [18 July, ref. 32772] http://dx.doi.org/10.1007/s10228-013-0352-0
Olney, J.E. (2003) Stylephoridae, Lophotidae, Radiidephalidae, Trachipteridae, Regalecidae and Carapidae. *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae).* FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, pp. 953–964. [ref. 27007]
Orrell, T.M., Carpenter, K.E., Musick, J.A. & Graves, J.E. (2002) Phylogenetic and biogeographic analysis of the Sparidae (Perciformes; Percoidei) from cytochrome *b* sequences. *Copeia*, 2002 (3), 618–631. [ref. 26228] http://dx.doi.org/10.1643/0045-8511(2002)002[0618:pabaot]2.0.co;2

Osório, B. (1917) Nota sôbre algumas espécies de peixes que vivem no Atlântico ocidental. *Arquivo da Universidade de Lisboa*, 4, 103–131, Pls. 29–36 [= Pls. 1–8] [after August, ref. 3318]

O'Toole, B. (2002) Phylogeny of the species of the superfamily Echeneoidea (Perciformes, Carangoidei, Echeneidae, Rachycentridae, and Coryphaenidae), with an interpretation of echeneid hitchhiking behaviour. *Canadian Journal of Zoology*, 80, 596–623. [ref. 26411]
http://dx.doi.org/10.1139/z02-031

Ott, G. (2011) First records of *Gobiopterus brachypterus* and *Mugilogobius tigrinus* from Sri Lanka (Teleostei, Perciformes, Gobiidae, Gobionellinae). *Bulletin of Fish Biology*, 13 (1/2), 72–75. [30 November, ref. 32266]

Owen, R. (1846) *Lectures on the comparative anatomy and physiology of the vertebrate animals delivered at the Royal College of Surgeons of England 1844 and 1846. Part I. Fishes*. Longman, Brown, Green and Longmans, London, xi + 308 pp. [ref. 32214]
http://dx.doi.org/10.5962/bhl.title.13539

Oyakawa, O.T. & Mattox, G.M.T. (2009) Revision of the Neotropical trahiras of the *Hoplias lacerdae* species-group (Ostariophysi, Characiformes, Erythrinidae) with descriptions of two new species. *Neotropical Ichthyology*, 7 (2), 117–140. [ref. 30225]
http://dx.doi.org/10.1590/s1679-62252009000200001

Özdikmen, H. (2008) The validity of the fish genus name *Fenerbahce* Özdikmen, Polat, Yilmaz & Yazicioglu, 2006 (Pisces: Cyprinodontiformes: Nothobranchiidae). *Munis entomology & zoology, Ankara*, 3 (1), 291–294. [ref. 29474]

Page, T.J., Sharma, S. & Hughes, J.M. (2004) Deep phylogenetic structure has conservation implications for ornate rainbowfish (Melanotaeniidae, *Rhadinocentrus ornatus*) in Queensland, eastern Australia. *Marine and Freshwater Research*, 55 (2), 165–172. [ref. 27702]
http://dx.doi.org/10.1071/mf03139

Palmer, G. (1973) Lamprididae (p. 328), Regalecidae (p. 329), Trachipteridae (pp. 330–332), Radiicephalidae (p. 333), Lophotidae (p. 334). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7195]

Parenti, L.R. (1981) A phylogenetic and biogeographic analysis of cyprinodontiform fishes (Teleostei, Atherinomorpha). *Bulletin of the American Museum of Natural History*, 168 (4), 335–557. [3 September, ref. 7066]

Parenti, P., Kullander, S.O. & Randall, J.E. (2013) Taxonomic and nomenclatural status of *Perca argentea* Linnaeus, 1758, *Perca vaila* Osbeck, 1770, and *Perca indica* Gronow in Gray, 1854 (Osteichthyes, Terapontidae and Moronidae). *The Raffles Bulletin of Zoology*, 61 (1), 303–310. [28 Feb,, ref. 32762]

Parin, N.V. & Borodulina, O.D. (1990) Review of the genus *Polymetme* (Photichthyidae) with the description of two new species. *Voprosy Ikhtiologii*, 30 (5), 733–743. [in Russian, English translation in *Journal of Ichthyology*, 30 (6), 108–121] [ref. 20170]

Parin, N.V., Prokofiev, A.M. & Bussarawit, S. (2012) Two new species of the genus *Epigonus* (Perciformes, Epigonidae) from the Atlantic and Indian Oceans. *Journal of Ichthyology*, 52 (3), 239–243. [Appeared in Russian in *Voprosy Ikhtiologii*, 52 (2), 248–252] [ref. 31975]
http://dx.doi.org/10.1134/s0032945212020129

Parmentier, E. (2004) *Encheliophis chardewalli*, a new species of Carapidae (Ophidiiformes) from French Polynesia, with a redescription of *Encheliophis vermicularis*. *Copeia*, 2004 (1), 62–67. [ref. 27501]
http://dx.doi.org/10.1643/ci-03-085r2

Parmentier, E. (2012) *Echiodon prionodon*, a new species of Carapidae (Pisces, Ophidiiformes) from New Zealand. *European Journal of Taxonomy*, 31, 1–8. [7 December, ref. 32365]
http://dx.doi.org/10.5852/ejt.2012.31

Parmentier, E. & Bailly, N. (2002) New record of *Carapus dubius* (Carapidae) off Madascar. *Cybium*, 26 (1), 79–80. [ref. 26055]

Parmentier, E., Castro-Aguirre, J.L. & Vandewalle, P. (2000) Morphological comparison of the buccal apparatus in two bivalve commensal Teleostei, *Encheliophis dubius* and *Onuxodon fowleri* (Ophidiiformes, Carapidae). *Zoomorphology*, 120, 29–37. [ref. 24936]
http://dx.doi.org/10.1007/s004359900020

Parr, A.E. (1927) The Stomiatoid fishes of the suborder Gymnophotodermi (Astronesthidae, Melanostomiatidae, Idiacanthidae) with a complete review of the species. (Scientific results of the third oceanographic expedition of the "Pawnee" 1927). *Bulletin of the Bingham Oceanographic Collection Yale University*, 3 (2), 1–123. [30 December, ref. 3367]

Parr, A.E. (1928) Deepsea fishes of the order Iniomi from the waters around the Bahama and Bermuda islands. With annotated keys to the Sudididae, Myctophidae, Scopelarchidae, Evermannellidae, Omosudidae, Cetomimidae and Rondeletidae of the world. (Scientific results of the third oceanographic expedition of the "Pawnee" 1927). *Bulletin of the Bingham Oceanographic Collection Yale University*, 3 (3), 1–193. [December, ref. 3368]

Parr, A.E. (1930a) On the osteology and classification of the pediculate fishes of the genera *Aceratias*, *Rhynchoceratias*, *Haplophryne*, *Laevoceratias*, *Allector* and *Lipactis*, with taxonomic and osteological description ...the rostral structures of the Aceratiid. *Occasional Papers of the Bingham Oceanograpic Collection*, 3, 1–23. [ref. 16116]

Parr, A.E. (1930b) Teleostean shore and shallow-water fishes from the Bahamas and Turks Island (Scientific results of the third oceanographic expedition of the "Pawnee" 1927). *Bulletin of the Bingham Oceanographic Collection Yale University*, 3

(4), 1–148. [July, ref. 3370]
Parr, A.E. (1933) Deepsea Berycomorphi and Percomorphi from the waters around the Bahama and Bermuda islands (Scientific results of the third oceanographic expedition of the "Pawnee" 1927). *Bulletin of the Bingham Oceanographic Collection Yale University*, 3 (6), 1–51. [December, ref. 3373]
Parr, A.E. (1934) Report on experimental use of a triangular trawl for bathypelagic collecting with an account of the fishes obtained and a revision of the family Cetomimidae. *Bulletin of the Bingham Oceanographic Collection Yale University*, 4 (6), 1–59. [September, ref. 3375]
Parr, A.E. (1945) Barbourisidae, a new family of deep sea fishes. *Copeia,* 1945 (3), 127–129, Pl. 1. (15 October, ref. 3377] http://dx.doi.org/10.2307/1438273
Parr, A.E. (1946) The Macrouridae of the western North Atlantic and Central American seas. *Bulletin of the Bingham Oceanographic Collection Yale University*, 10 (1), 1–99. [November, ref. 3378]
Parr, A.E. (1948) The classification of the fishes of the genera *Bathylaco* and *Macromastax*, possible intermediates between the Isospondyli and the Iniomi. *Copeia,* 1948 (1), 48–54. [ref. 31913] http://dx.doi.org/10.2307/1438790
Parr, A.E. (1951) Preliminary revision of the Alepocephalidae, with the introduction of a new family, Searsidae. *American Museum Novitates*, 1531, 1–21. [24 July, ref. 3380]
Patten, J.M. & Ivantsoff, W. (1983) A new genus and species of atherinid fish, *Dentatherina merceri* from the western Pacific. *Japanese Journal of Ichthyology*, 29 (4), 329–339. [10 March, ref. 5424]
Patterson, C. (1993) Osteichthyes: Teleostei. *In:* Benton, M.J. (Editor), *The fossil record 2*. Chapman and Hall, London, pp. 621-663. [ref. 32970]
Paugy, D., Lévêque, C. & Teugels, G.G. (2003a) *The fresh and brackish water fishes of west Africa [Poissons d'eaux douces et saumâtres de l'Afrique de l'Ouest]*. Faune et flore tropicales 40. Institut de recherche pour le développement / Muséum national d'histoire naturelle / Musée Royal de l'Afrique centrale, volume 1, 457 pp. [ref. 29209]
Paugy, D., Lévêque, C. & Teugels, G.G. (2003b) *The fresh and brackish water fishes of west Africa [Poissons d'eaux douces et saumâtres de l'Afrique de l'Ouest]*. Faune et flore tropicales 40. Institut de recherche pour le développement / Muséum national d'histoire naturelle / Musée Royal de l'Afrique centrale, volume 2, 815 pp. [ref. 29208]
Paxton, J.R. (1972) Osteology and relationships of the lanternfishes (family Myctophidae). *Bulletin of the Natural History Museum of Los Angeles County, Science*, 13, 1–81. [28 July, ref. 3394]
Paxton, J.R. (1989) Synopsis of the whalefishes (family Cetomimidae) with descriptions of four new genera. *Records of the Australian Museum*, 41, 135–206. [ref. 13435] http://dx.doi.org/10.3853/j.0067-1975.41.1989.141
Paxton, J.R. & Bray, D.J. (2008) Family Myctophidae. *In*: Gomon, M.F., Bray, D.J. & Kuiter, R. (Editors), *Fishes of Australia's Southern Coast*. New Holland Publishers, Melbourne, pp. 270–294. [ref. 30633]
Paxton, J.R., Hoese, D.F., Allen, G.R. & Hanley, J.E. (1989) *Zoological catalogue of Australia. Volume 7. Pisces. Petromyzontidae to Carangidae*. Australian Government Publishing Service, Canberra, xii + 665 pp. [ref. 12442]
Pellegrin, J. (1923) *Les poissons des eaux douces de l'Afrique occidentale (du Sénégal au Niger)*. Gouvernement Général de l'Afrique Occidentale Française, Publications du comité d'études historiques et scientifiques, Larose, Paris, 373 pp. [ref. 3403] http://dx.doi.org/10.5962/bhl.title.13258
Pellegrin, J. (1926) Description de Characinidés nouveaux récoltés au Congo Belge par le Dr. Schouteden. *Revue Zoologique Africaine*, 13 (3/4), 157–164. [1 April, ref. 3404]
Peters, W. (1855) Uebersicht der in Mossambique beobachteten Fische. *Archiv für Naturgeschichte*, 21 (2/3), 234–282. [pp. 234–256 in part 2; pp. 257–282 in part 3] [ref. 13448]
Peters, W. (1876) Über eine merkwürdige von Hrn. Professor Dr. Buchholz entdeckte neue Gattung von Süsswasserfischen, *Pantodon buchholzi*, welche zugleich eine neue, den Malacopterygii abdominales angehörige Gruppe von Fischen, Pantodontes, repräsentirt. *Monatsberichte der Königlich Preussischen Akademie der Wissenschaften zu Berlin*, 1876, 195–200, 1 pl. [ref. 3445]
Pezold, F. (2011) Systematics of Gobionellidae. Chapter 1.6. *In*: Patzner, R.A., Van Tassell, J.L., Kovacic, M. & Kapoor, B.G. (Editors), *The biology of gobies*. CRC Press, Science Publishers, Enfield, pp. 87–97. [ref. 31727]
Phillipps, W.J. (1924) *Agrostichthys*, a new genus of ribbon fishes. *Proceedings of the Zoological Society of London*, 1924 (2), 539–540. [9 July, ref. 3466] http://dx.doi.org/10.1111/j.1096-3642.1924.tb01514.x
Phillipps, W.J. (1926) New or rare fishes of New Zealand. *Transactions of the New Zealand Institute*, 56, 529–537, Pls. 87–92. [26 April, ref. 6447]
Pianta de Risso, E.N.P. & Risso, F.J.J. (1953) El "Cornalito" [*Sorgentinia incisa* (Jenyns) n. g.] y su ubicación sistemática (Atherinidae, Sorgentininae nueva subfamilia). *Trabajo del Museo de Tres Arroyos, Casa Scouts "Santa Coloma"*, 1 (1), 5–25, Pls. 1–3. [ref. 5938]
Pietschmann, V. (1935) Eine neue Aalfamilie aus den hawaiischen Gewässern. *Anzeiger der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftlichen Klasse*, 72 (11), 93–94. [ref. 3477]
Poey, F. (1861) XLIX. Poissons de Cuba, espéces nouvelles [whole article pp. 115–356] L. Conspectus piscium Cubensium [pp. 357–404] *Memorias sobra la historia natural de la Isla de Cuba, acompañadas de sumarios Latinos y extractos en*

Francés, 2 (for 1856–1858), 337–442, Pls. 13, 15–19. [June, ref. 3499]
http://dx.doi.org/10.5962/bhl.title.2485
Poey, F. (1867) Cubensium genera piscium. *Repertorio fisico-natural de la isla de Cuba*, 2, 205–216. [October, ref. 32247]
http://www.biodiversitylibrary.org/bibliography/43787
Poey, F. (1868) Synopsis piscium Cubensium. Catalogo Razonado de los peces de la isla de Cuba. *Repertorio Fisico-Natural de la Isla de Cuba*, 2, 279–484. [pp. 279–300 (February), pp. 301–324 (March), pp. 325–372 (April), pp. 373–420 (May), pp. 421–484 (June) 1868] [ref. 3505]
Poey, F. (1871) Genres de poissons de la fauna de Cuba, appartenant à la famille Percidae, avec une note d'introduction par J. Carson Brevoort. *Annals of the Lyceum of Natural History of New York*, 10 (1/3) (3), 27–79. [ref. 3506]
http://dx.doi.org/10.1111/j.1749-6632.1874.tb00025.x
Poey, F. (1873) *Grammicolepis brachiusculus* tipo de una nueva familia en la clase de los peces. *Anales de la Sociedad Española de Historia Natural, Madrid*, 2, 403–406, Pl. 12. [ref. 3507]
Poey, F. (1875) Enumeratio piscium Cubensium (Parte Primera). *Anales de la Sociedad Española de Historia Natural, Madrid*, 4, 75–112 (7 April) 113–161 (6 October), Pls. 1–3. [also as separate, pp. 1–87] [ref. 3509]
Poll, M. (1957) Les genres des poissons d'eau douce de l'Afrique. *Annales du Musée Royal du Congo Belge, Tervuren, Série in 8º, Sciences Zoologiques [Annalen van het Koninklijk Museum van Belgisch-Congo]*, 54, 1-191, 4 tabs., Pls. 1-49.
Poll, M. (1964) Une famille dulcicole nouvelle de poissons africains: les Congothrissidae. *Académie Royale des Sciences d'Outre-Mer, Classe des Sciences naturelles et médicales (N. S.) [Koninklijke Academie voor overzeese wetenschappen, Klasse voor Natuur- en Geneeskundige Wetenschappen]*, 15 (2), 1–40, Pls. 1–8. [6 May, ref. 3523]
Poll, M. (1967) Révision des Characidae nains Africans. *Annales Musée Royal de l'Afrique Centrale, Série in 8º, Sciences Zoologiques [Annalen in Zoölogische Wetenschappen, Koninklijk Museum voor Midden-Afrika],* 162, 1–158. [December, ref. 3529]
Poll, M. (1971) Un genre nouveau et une espèce nouvelle de Cyprinodontidae congolais. *Revue de Zoologie et de Botanique Africaines*, 83 (3/4), 302–308. [30 June, ref. 3530]
Poll, M. (1986) Classification des Cichlidae du lac Tanganika. Tribus, genres et espèces. *Mémoires de la Classe des Sciences / Académie Royale de Belgique, Collection in-8°*, Série 2, 45 (2), 1–163. [ref. 6136]
Poll, M. & Lambert, J.-G. (1965) Contribution à l'étude systématique et zoogéographique des Procatopodinae de l'Afrique centrale (Pisces, Cyprinodontidae). *Bulletin des séances, Académie royale des sciences d'Outre-Mer (Nouvelle série)*, 1965, 615–631. [ref. 3535]
Popov, A.M. (1931) Some remarks on the genera of the family Mugilidae (Pisces). *Ezhegodnik Zoologicheskogo muzeya [Yearbook of the Zoological Museum]*, 32 (1), 17–125. [after 11 October, ref. 33081]
Popta, C.M.L. (1905) Suite des descriptions préliminaires des nouvelles espèces de poissons recueillies au Bornéo central par M. le Dr. A.W. Nieuwenhuis en 1898 et en 1900. *Notes from the Leyden Museum*, 25 (15), 171–186. [ref. 3549]
Potthoff, T., Kelley, S. & Collins, L.A. (1988) Osteological development of the red snapper, *Lutjanus campechanus* (Lutjanidae). *Bulletin of Marine Science*, 43 (1), 1–40. [ref. 11833]
Prashad, B. & Mukerji, D.D. (1929) The fish of the Indawgyi Lake and the streams of the Myitkyina District (Upper Burma). *Records of the Indian Museum (Calcutta)*, 31 (3), 161–223, Pls. 7–10. [September, ref. 3558]
Price, D.S. (1997) *Chilatherina alleni*, a new species of rainbowfish (Melanotaeniidae) from Irian Jaya. *Revue française d'Aquariologie Herpétologie*, 24 (3/4), 79–82. [19 December, ref. 23466]
Prokofiev, A.M. (2008) Scorpionfishes of families Apistidae, Tetrarogidae, and Aploactinidae of Nha Trang Bay (South China Sea, Central Vietnam). *Journal of Ichthyology*, 48 (4), 301–312. [also in Russian, *Voprosy Ikhtiologii*, 48 (3), 324–336] [ref. 29592]
http://dx.doi.org/10.1134/s0032945208040036
Prokofiev, A.M. (2010) Morphological classification of loaches (Nemacheilinae). *Journal of Ichthyology*, 50 (10), 827–913. [ref. 31096]
http://dx.doi.org/10.1134/s0032945210100012
Quast, J.C. (1965) Osteological characteristics and affinities of the hexagrammid fishes, with a synopsis. *Proceedings of the California Academy of Sciences,* Series 4, 31 (21), 563–600. [15 January, ref. 26203]
Quéro, J.-C., Hureau, J.-C., Karrer, C., Post, A. & Saldanha, L. (1990) *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA)*. UNESCO, Paris, 3 vols., xxxii + 1492 pp. [1: pp. i–xxxii + 1–519; 2: pp. 520–1080; 3: pp. 1081–1492] [ref. 15946]
Quéro, J.-C., Spitz, J. & Vayne, J.-J. (2011) Une éruption volcanique débusque *Neocentropogon profundus* (Tetrarogidae, Scorpaenoidei) à l'île de la Réunion (océan Indien). *Cybium*, 35 (2), 99–103. [30 June, ref. 31629]
Radchenko, O.A., Chereshnev, I.A. & Petrovskaya, A.V. (2010) Relationships and position of the genus *Neozoarces* of the subfamily Neozoarcinae in the system of the suborder Zoarcoidei (Pisces, Perciformes) by molecular-genetic data. *Journal of Ichthyology*, 50 (3), 246–251. [appeared in Russian in *Voprosy Ikhtiologii*, 50 (2), 174–178] [ref. 30795]
http://dx.doi.org/10.1134/s0032945210030045
Radchenko, O.A., Chereshnev, I.A. & Petrovskaya, A.V. (2012) Position of the neck banded blenny *Leptostichaeus pumilus* (Perciformes: Zoarcoidei) in the system of the suborder Zoarcoidei as inferred from molecular genetic data. *Journal of Ichthyology*, 52 (9), 592–598. [also in Russian, *Voprosy Ikhtiologii*, 52 (6), 651–657] [ref. 32479]
http://dx.doi.org/10.1134/s0032945212050086

Radcliffe, L. (1912) Descriptions of a new family, two new genera, and twenty-nine new species of anacanthine fishes from the Philippine Islands and contiguous waters. (Scientific results of the Philippine cruise of the Fisheries steamer "Albatross" 1907–1910, No. 21). *Proceedings of the United States National Museum*, 43 (1924), 105–140, Pls. 22–31. [27 September, ref. 3578]
http://dx.doi.org/10.5479/si.00963801.43-1924.105

Radcliffe, L. (1913) Descriptions of seven new genera and thirty-one new species of fishes of the families Brotulidae and Carapidae from the Philippine Islands and the Dutch East Indies. (Scientific results of the Philippine cruise of the Fisheries steamer "Albatross" 1907–1910, No. 24). *Proceedings of the United States National Museum*, 44 (1948), 135–176, Pls. 7–17. [3 April, ref. 3579]
http://dx.doi.org/10.5479/si.00963801.44-1948.135

Rafinesque, C.S. (1810a) *Caratteri di alcuni nuovi generi e nuove specie di animali e piante della Sicilia, con varie osservazioni sopra i medisimi*. Sanfilippo, Palermo, 105 pp. [Part 1 involves fishes, pp. [i–iv] 3–69 [70 blank], Part 2 with slightly different title, pp. ia–iva + 71–105 [106 blank], Pls. 1–20; author given as Rafinesque Schmaltz, C.S. (this name was used by Rafinesque between 1810 and 1814), we use Rafinesque for simplicity] [ref. 3594]

Rafinesque, C.S. (1810b) *Indice d'ittiologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, che si rinvengono in Sicilia disposti secondo un metodo naturale e seguito da un appendice che contiene la descrizione de alcuni nuovi pesci siciliani*. Presso Giovanni del Nobolo, Messina, 70 pp., Pls. 1–2. [author given as Rafinesque Schmaltz, C.S. (this name was used by Rafinesque between 1810 and 1814), we use Rafinesque for simplicity] [ref. 3595]
http://dx.doi.org/10.5962/bhl.title.6893

Rafinesque, C.S. (1814a) Descrizione di un nuovo genere di pesce, *Leptopus peregrinus*. *Specchio delle scienze, o giornale enciclopedico de Sicilia, deposito letterario delle moderne cognizioni, scoperte ed osservazione sopra le scienze ed arte, etc., Palermo*, 1, 16–17. [author given as Rafinesque Schmaltz, C.S. (this name was used by Rafinesque between 1810 and 1814), we use Rafinesque for simplicity] [ref. 3581]

Rafinesque, C.S. (1814b) Descrizione di un nuovo genere di pesce siciliano *Nemochirus erythropterus*. *Specchio delle scienze, o giornale enciclopedico de Sicilia, deposito letterario delle moderne cognizioni, scoperte ed osservazione sopra le scienze ed arte, etc., Palermo*, 2, 100–102. [author given as Rafinesque Schmaltz, C.S. (this name was used by Rafinesque between 1810 and 1814), we use Rafinesque for simplicity] [ref. 3583]

Rafinesque, C.S. (1815) *Analyse de la nature, ou tableau de l'univers et des corps organises*, Palerme, 224 pp. [Fishes on pp. 79-94] [before 21 July, ref. 3584]

Rafinesque, C.S. (1818) Description of three new genera of fluviatile fish, *Pomoxis*, *Sarchirus* and *Exoglossum*. *Journal of the Academy of Natural Sciences, Philadelphia*, 1 (2), 417–422. [signature for November, perhaps published in 1819] [ref. 3588]

Rainboth, W.J. (1991) Cyprinids of South East Asis. *In:* Winfield, I.J. & Nelson, J.S. (Editors), *Cyprinid fishes. Systematics, biology and exploitation*. Chapman and Hall, London, pp. 156–210. [ref. 32596]

Rainboth, W.J. (1996) *FAO species identification field guide for fishery purposes. Fishes of the Cambodian Mekong*. Food and Agriculture Organization of the United Nations, Rome, 265 pp., 27 Pls. [ref. 22772]

Raj, U. & Seeto, J. (1983) A new species of *Paracaesio* (Pisces, Lutjanidae) from the Fiji Islands. *Copeia*, 1983 (2), 450–453. [6 May, ref. 6817]
http://dx.doi.org/10.2307/1444389

Randall, J.E. (1995) *Coastal fishes of Oman*. Crowford House Publishing Pty Ltd, Bathurst, Australia, xvi + 439 pp. [ref. 22896]

Randall, J.E. (2007) *Reef and shore fishes of the Hawaiian Islands*. Sea Grant College Program, University of Hawai'i, Honolulu, xiv + 546 pp. [ref. 30952]

Randall, J.E. & Baldwin, C.C. (1997) Revision of the serranid fishes of the subtribe Pseudogrammina, with descriptions of five new species. *Indo-Pacific Fishes*, 26, 1–56. [April, ref. 22812]

Randall, J.E. & Connell, A.D. (2013) *Nemateleotris exquisita*, a new microdesmid fish from the Indian Ocean (Perciformes, Microdesmidae). *Journal of the Ocean Science Foundation*, 8, 18–29. [October, ref. 32942]

Randall, J.E. & Guézé, P. (1980) The goatfish *Mulloidichthys mimicus* n. sp. (Pisces, Mullidae) from Oceania, a mimic of the snapper *Lutjanus kasmira* (Pisces, Lutjanidae). *Bulletin du Museum National d'Histoire Naturelle,* Série 4 (*Section A, Zoologie, Biologie et Écologie Animales*), 2 (2), 603–609. [31 October, ref. 8671]

Regan, C.T. (1903) On the systematic position and classification of the gadoid or anacanthine fishes. *Annals and Magazine of Natural History,* Series 7, 11 (65), 459–466. [1 May, ref. 3617]
http://dx.doi.org/10.1080/00222930308678799

Regan, C.T. (1904) A monograph of the fishes of the family Loricariidae. *Transactions of the Zoological Society of London*, 17 (3), 191–350, Pls. 9–21. [October, ref. 3621]
http://dx.doi.org/10.1111/j.1096-3642.1904.tb00040.x

Regan, C.T. (1907) Pisces. *In:* Godman, F.D. & Salvin, O., *Biologia Centrali-Americana*, London, pp. 33–160, Pls. 5–20. [ref. 3629]
http://dx.doi.org/10.5962/bhl.title.56405

Regan, C.T. (1910) The origin and evolution of the teleostean fishes of the order Heterosomata. *Annals and Magazine of Natural History*, Series 8, 6 (35), 484–496. [1 November, ref. 26827]

http://dx.doi.org/10.1080/00222931008692879
Regan, C.T. (1911a) The anatomy and classification of the teleostean fishes of the order Iniomi. *Annals and Magazine of Natural History*, Series 8, 7 (37), 120–133. [1 January, ref. 3639]
http://dx.doi.org/10.1080/00222931108692913
Regan, C.T. (1911b) On the systematic position of *Macristium chavesi*. *Annals and Magazine of Natural History,* Series 8, 7 (38), 204–205. [1 Feb, ref. 32612]
http://dx.doi.org/10.1080/00222931108692922
Regan, C.T. (1911c) On the cirrhitiform percoids. *Annals and Magazine of Natural History,* Series 8, 7 (39), 259–262. [1 March, ref. 32649]
http://dx.doi.org/10.1080/00222931108692936
Regan, C.T. (1911d) The osteology and classification of the teleostean fishes of the order Microcyprini. *Annals and Magazine of Natural History*, Series 8, 7 (40), 320–327. [1 April, ref. 5761]
http://dx.doi.org/10.1080/00222931108692944
Regan, C.T. (1911e) The classification of the teleostean fishes of the order Ostariophysi. I. Cyprinoidea. *Annals and Magazine of Natural History,* Series 8, 8 (43), 13–32, Pl. 2. [1 July, ref. 3642]
http://dx.doi.org/10.1080/00222931108692993
Regan, C.T. (1911f) The classification of the teleostean fishes of the order Ostariophysi. II. Siluroidea. *Annals and Magazine of Natural History,* Series 8, 8 (47), 553–577. [1 November, ref. 31895]
http://dx.doi.org/10.1080/00222931108693067
Regan, C.T. (1911g) The osteology and classification of the gobioid fishes. *Annals and Magazine of Natural History,* Series 8, 8 (48), 729–733. [1 December, ref. 32170]
http://dx.doi.org/10.1080/00222931108693090
Regan, C.T. (1912a) The classification of the teleostean fishes of the order Pediculati. *Annals and Magazine of Natural History,* Series 8, 9 (51), 277–289. [1 March, ref. 3644]
http://dx.doi.org/10.1080/00222931208693132
Regan, C.T. (1912b) Pisces 1911. *Zoological Record*, 48, 1–47. [ref. 33057]
Regan, C.T. (1912c) The classification of the blennioid fishes. *Annals and Magazine of Natural History,* Series 8, 10 (57), 265–280. [1 September, ref. 3646]
Regan, C.T. (1912d) The osteology and classification of the teleostean fishes of the Order Apodes. *Annals and Magazine of Natural History,* Series 8, 10 (58), 377–387. [1 October, ref. 31893]
http://dx.doi.org/10.1080/00222931208693250
Regan, C.T. (1913a) The osteology and classification of the teleostean fishes of the order Scleroparei. *Annals and Magazine of Natural History, Series* 8, 11 (62), 169–184. [1 February, ref. 32621]
http://dx.doi.org/10.1080/00222931308693305
Regan, C.T. (1913b) The Antarctic fishes of the Scottish National Antarctic Expedition. *Transactions of the Royal Society of Edinburgh*, 49 (2), 229–292, Pls. 1–11. [23 May, ref. 3651]
http://dx.doi.org/10.1017/s0080456800003951
Regan, C.T. (1913c) The classification of the percoid fishes. *Annals and Magazine of Natural History,* Series 8, 12 (67), 111–145. [1 July, ref. 3654]
Regan, C.T. (1914) Natural History Report, Zoology, Fishes. *British Antarctic ('Terra Nova') expedition 1910*, 1 (1), 1–54, Pls. 1–13. [27 June, ref. 3659]
http://dx.doi.org/10.5962/bhl.title.13818
Regan, C.T. (1916) The morphology of the cyprinodont fishes of the subfamily Phallostethinae, with descriptions of a new genus and two new species. *Proceedings of the Zoological Society of London*, 1916 (1), 1–26, Pls. 1–4. [20 April, ref. 3667]
http://dx.doi.org/10.1111/j.1096-3642.1916.tb02007.x
Regan, C.T. (1920) A revision of the flat-fishes (Heterosomata) of Natal. *Annals of the Durban Museum*, 2 (5), 205–222. [25 March, ref. 3671]
Regan, C.T. (1922) The distribution of the fishes of the order Ostariophysi. *Bijdragen tot de Dierkunde*, 1922, 203–207. [5 December, ref. 33053]
Regan, C.T. (1925) New ceratioid fishes from the North Atlantic, the Caribbean Sea, and the Gulf of Panama, collected by the 'Dana'. *Annals and Magazine of Natural History,* Series 9, 15 (91), 561–567. [1 May, ref. 3677]
http://dx.doi.org/10.1080/00222932508633247
Regan, C.T. (1926) The pediculate fishes of the suborder Ceratioidea. Danish Dana Expedition 1920–22 in the North Atlantic and the Gulf of Panama, *Oceanographical Reports*, 1 (2), 1–45. [24 April, ref. 3679]
http://dx.doi.org/10.1080/00222932708655474
Regan, C.T. & Trewavas, E. (1930) The fishes of the families Stomiatidae and Malacosteidae. Danish Dana Expedition 1920–22 in the North Atlantic and the Gulf of Panama, *Oceanographical Reports*, 2 (6), 1–143. [10 March, ref. 3681]
Regan, C.T. & Trewavas, E. (1932) Deep-sea angler-fishes (Ceratioidea). *Dana-Report*, 2, 1–113, Pls. 1–10. [11 October, ref. 3682]
Reichel, M. (1927) Étude anatomique du *Phreatobius cisternarum* Goeldi, silure aveugle du Brésil. *Revue Suisse de Zoologie*,

34 (16), 285–403, Pls. 2–6. [ref. 31921]
Reid, E.D. (1940) A new genus and species of pearl fish, family Carapidae, from off Gorgona Island, Colombia. *Report of the Allan Hancock Pacific Expedition 1932–1938*, 9 (2), 47–50. [24 April, ref. 3685]
Reis, R.E., Kullander, S.O. & Ferraris Jr., C.J. (Editors) (2003) *Check list of the freshwater fishes of South and Central America (CLOFFSCA)*. EDIPUCRS, Porto Alegre, xi + 729 pp. [ref. 27061]
Reis, R.E., Pereira, E.H.L. & Armbuster, J.W. (2006) Delturinae, a new loricariid catfish subfamily (Teleostei, Siluriformes), with revisions of *Delturus* and *Hemipsilichthys*. *Zoological Journal of the Linnean Society*, 147 (2), 277–299. [31 May, ref. 28706]
http://dx.doi.org/10.1111/j.1096-3642.2006.00229.x
Renaud, C.B. (2011) *Lampreys of the World. An annotated and illustrated catalogue of lamprey species known to date*. FAO Species Catalogue for Fishery Purposes No. 5, Food and Agriculture Organization of the United Nations, Rome, vi + 109 pp. [ref. 31770]
Rendahl, H. (1928) Beiträge zur Kenntnis der chinesischen Süsswasserfische. I. Systematischer Teil. *Arkiv för Zoologi*, 20A (1), 1–194. [22 October, ref. 3702]
Richardson, J. (1836) *Fauna Boreali-Americana; or the zoology of the northern parts of British America: containing descriptions of the objects of natural history collected on the late northern land expeditions, under the command of Sir John Franklin, Part 3 The Fish.* Bentley, London, xv + 327 pp., Pls. 74–97. [ref. 3731]
http://dx.doi.org/10.1017/cbo9781139151917.005
Richardson, J. (1842) Description of Australian fish. *Transactions of the Zoological Society of London*, 3 (1), 69–131. [16 June, ref. 13097]
Richardson, J. (1844) Ichthyology. Part 1. *In:* Hinds, R.B. (Editor), *The zoology of the voyage of H. M. S. Sulphur, under the command of Captain Sir Edward Belcher, R. N., C. B., F. R. G. S., etc., during the years 1836–42,* Smith, Elder & Co, London, pp. 51–70, Pls. 35–44. [April, ref. 3739]
http://dx.doi.org/10.5962/bhl.title.53764
Richardson, J. (1844–48) Ichthyology of the voyage of H. M. S. Erebus & Terror. *In:* Richardson, J. & Gray, J.E., *The zoology of the voyage of H. M. S. "Erebus & Terror," under the command of Captain Sir J.C. Ross ..during .. 1839–43*. London, 2 (2), pp. i–viii + 1–139, Pls. 1–60. [pp. 1–16 (1844); pp. 17–52 (1845); pp. 53–74 (1846); pp. i–viii + 75–139 (1848)] [ref. 3740]
http://dx.doi.org/10.5962/bhl.title.7364
Richardson, J. (1846) Report on the ichthyology of the seas of China and Japan. *Report of the British Association for the Advancement of Science 15th meeting [1845]*, 187–320. [June/July, ref. 3742]
http://dx.doi.org/10.5962/bhl.title.59530
Richardson, J. (1856) Ichthyology. *In: The Encyclopaedia Britannica, or Dictionary of Arts, Sciences, and General Literature, 8th Edition, volume 12.* Edinburgh, pp. 204–331. [ref. 3747]
http://dx.doi.org/10.5962/bhl.title.12019
Riehl, R. & Baensch, H.A. (1990) *Mergus Aquarien Atlas, Band 3*. Mergus Verlag, Melle, Germany, 1104 pp. [ref. 31919]
Risso, A. (1827) *Histoire naturelle des principales productions de l'Europe méridionale, et particulièrement de celles des environs de Nice et des Alpes maritimes Tome 3*. F.G. Levrault, Paris & Strasbourg, xvi + 480 pp., 16 Pls. [22 September, ref. 3757]
http://dx.doi.org/10.5962/bhl.title.58984
Roberts, T.R. (1970) Description, osteology and relationships of the Amazonian cyprinodont fish *Fluviphylax pygmaeus* (Myers and Carvalho). *Breviora*, 347, 1–28. [3 April, ref. 30566]
Roberts, T.R. (1971) *Micromischodus sugillatus*, a new hemiodontid characin fish from Brazil, and its relationship to the Chilodontidae. *Breviora*, 367, 1–25. [15 January, ref. 3773]
Roberts, T.R. (1973) Osteology and relationships of the Prochilodontidae, a South American family of characoid fishes. *Bulletin of the Museum of Comparative Zoology*, 145 (4), 213–235. [15 June, ref. 7051]
Roberts, T.R. (1974) Osteology and classification of the neotropical characoid fishes of the families Hemiodontidae (including Anodontinae) and Parodontidae. *Bulletin of the Museum of Comparative Zoology*, 146 (9), 411–472. [18 December, ref. 6872]
Roberts, T.R. (1981) Sundasalangidae, a new family of minute freshwater salmoniform fishes from southeast Asia. *Proceedings of the California Academy of Sciences,* Series 4, 42 (9), 295–302. [5 March, ref. 6588]
Roberts, T.R. (1984) Skeletal anatomy and classification of the neotenic Asian salmoniform superfamily Salangoidea (icefishes or noodlefishes). *Proceedings of the California Academy of Sciences,* Series 4, 43 (13), 179–220. [12 July, ref. 5318]
Roberts, T.R. (1989) The freshwater fishes of western Borneo (Kalimantan Barat, Indonesia). *Memoirs of the California Academy of Sciences*, 14, i–xii + 1–210. [ref. 6439]
Roberts, T.R. (2003) Systematics and osteology of Leptoglaninae, a new subfamily of the African catfish family Amphiliidae, with descriptions of three new genera and six new species. *Proceedings of the California Academy of Sciences,* Series 4, 54 (5), 81–132. [ref. 26744]
Roberts, T.R. (2007) *Makararaja chindwinensis*, a new genus and species of freshwater dasyatidid Pastinachine stingray from upper Myanmar. *Natural History Bulletin of the Siam Society*, 54 (2) (for 2006), 285–293. [21 May, ref. 29413]

Robins, C.H. & Robins, C.R. (1989) Family Synaphobranchidae. *In*: Böhlke, E.B. (Editor), *Fishes of the western North Atlantic, Volume 9 (1) Orders Anguilliformes and Saccopharyngiformes.* Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 207–253. [ref. 13287]

Robins, C.R. (1961) Studies on fishes of the family Ophidiidae VI. Two new genera and a new species from American waters. *Copeia,* 1961 (2), 212–221. [19 June, ref. 3785]
http://dx.doi.org/10.2307/1440000

Robins, C.R., Bailey, R.M., Bond, C.E., Brooker, J.R., Lachner, E.A., Lea, R.N. & Scott, W.B. (1991a) *Common and scientific names of fishes from the United States and Canada*, *5th edition*. American Fisheries Society Special Publication No. 20, 183 pp. [ref. 14237]

Robins, C.R., Bailey, R.M., Bond, C.E., Brooker, J.R., Lachner, E.A., Lea, R.N. & Scott, W.B. (1991b) *World fishes important to North Americans exclusive of species from the continental waters of the United States and Canada*. American Fisheries Society Special Publication No. 21, 243 pp. [ref. 14238]

Robins, C.R. & Nielsen, J.G. (1970) The R/V Pillsbury Deep-Sea Biological Expedition to the Gulf of Guinea, 1964–65. *Snyderidia bothrops* a new tropical, amphi-Atlantic species (Pisces, Carapidae). *Studies in Tropical Oceanography (Miami)*, 4 (2), 285–293. [ref. 7778]

Robins, C.R. & Sylva, D.P. de (1965) The Kasidoroidae, a new family of mirapinniform fishes from the western Atlantic Ocean. *Bulletin of Marine Science*, 15 (1), 189–201. [March, ref. 3788]

Rodiles-Hernández, R., Hendrickson, D.A., Lundberg, J.G. & Humphries, J.M. (2005) *Lacantunia enigmatica* (Teleostei: SIluriformes) a new and phylogenetically puzzling freshwater fish from Mesoamerica. *Zootaxa*, 1000: 1–24. [ref. 28241]

Roe, K.J., Harris, P.M. & Mayden, R.L. (2002) Phylogenetic relationships of the genera of North American sunfishes and basses (Percoidei: Centrarchidae) as evidenced by the mitochondrial cytochrome *b* gene. *Copeia,* 2002 (4), 897–905. [ref. 26504]
http://dx.doi.org/10.1643/0045-8511(2002)002[0897:protgo]2.0.co;2

Roe, K.J., Mayden, R.L. & Harris, P.M. (2008) Systematics and zoogeography of the rock basses (Centrarchidae, *Ambloplites*). *Copeia*, 2008 (4), 858–867. [ref. 29951]
http://dx.doi.org/10.1643/ci-07-105

Rofen, R.R. (1966) Family Scopelarchidae. *In*: Mead, G.W. & Anderson, W.W. (Editors), *Fishes of the Western Atlantic Volume 5*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 566–602. [ref. 19801]

Romer, A.S. (1945) *Vertebrate paleontology, 2nd edition*. University of Chicago Press, Chicago, 687 pp. [ref. 32833]

Rosen, D.E. (1964) The relationships and taxonomic position of the halfbeaks, killifishes, silversides, and their relatives. *Bulletin of the American Museum of Natural History*, 127 (5), 217–268, Pls. 14–15. [31 Aug,, ref. 32216]
http://hdl.handle.net/2246/1115

Rosen, D.E. (1967) New poeciliid fishes from Guatemala, with comments on the origins of some South and Central American forms. *American Museum Novitates*, 2303, 1–15. [20 October, ref. 3808]
http://hdl.handle.net/2246/2515

Rosen, D.E. (1973) Interrelationships of higher euteleostean fishes. *In*: Greenwood, P.H., Miles, R.S. & Patterson, C. (Editors), *Interrelationships of Fishes (Supplement No. 1 to the Zoological Journal of the Linnean Society Vol. 53)*. Linnean Society of London / Academic Press, London, pp. 397–513. [ref. 33062]

Rosen, D.E. (1974) Phylogeny and zoogeography of salmoniform fishes and relationships of *Lepidogalaxias salamandroides*. *Bulletin of the American Museum of Natural History*, 153 (2), 265–326. [11 June, ref. 32839]
http://hdl.handle.net/2246/606

Rosen, D.E. & Greenwood, P.H. (1976) A fourth neotropical species of synbranchid eel and the phylogeny and systematics of synbranchiform fishes. *Bulletin of the American Museum of Natural History*, 157 (1), 1–69. [9 June, ref. 7094]
http://hdl.handle.net/2246/620

Rosen, D.E. & Parenti, L.R. (1981) Relationships of *Oryzias*, and the groups of atherinomorph fishes. *American Museum Novitates*, 2719, 1–25. [27 November, ref. 5538]
http://hdl.handle.net/2246/5335

Rosenblatt, R.H. (1961) A new pearlfish (family Carapidae) from the Gulf of California. *Proceedings of the Biological Society of Washington*, 74, 207–212. [ref. 9374]

Roule, L. (1915) Description d'un nouvel exemplaire d'*Opisthoproctus* Vaillant, suivie de considérations sur la valeur systématique et biologique de ce genre. *Bulletin du Muséum National d'Histoire Naturelle*, Série1, 21 (6), 175–178. [ref. 33061]

Roule, L. (1916) Notice préliminaire sur quelques espèces nouvelles ou rares des poissons provenant des croisières de S. A. S. le Prince de Monaco. *Bulletin de l'Institut Océanographique (Monaco)*, 320, 1–32. [20 May, ref. 3818]

Roule, L. (1919) Poissons provenant des campagnes du yacht "Princesse-Alice" (1891–1903) et du yacht "Hirondelle II" (1914). *Resultats du compagnes scientifique accouplies sur son yacht par Albert 1er, prince souverain de Monoco, Campagnes Scientifiques de Prince Albert I*, 52, 1–191, Pls. 1–7. [ref. 19805]
http://dx.doi.org/10.5962/bhl.title.2169

Roule, L. (1922) Description de *Scombrolabrax heterolepis* nov. gen. nov. sp., poisson abyssal nouveau de l'Ile Madère. *Bulletin de l'Institut Océanographique (Monaco)*, 408, 1–8. [20 March, ref. 3820]

Roule, L. & Bertin, L. (1924) Notice préliminaire sur la collection des Nemichthydés recueillie par l'expedition du `Dana' (1921–1922), suivie de considérations sur la classification de cette section des poissons apodes. *Bulletin du Muséum National d'Histoire Naturelle*, Série 1, 30 (1), 61–67. [ref. 3828]

Roule, L. & Bertin, L. (1929) Les poissons apodes appartenant au sous-ordre des Nemichthydiformes. Danish Dana Expedition 1920–22 in the North Atlantic and the Gulf of Panama, *Oceanographical Reports*, 1 (4), 1–113, Pls. 1–9. [1 September, ref. 3829]

Roule, L. & Bertin, L. (1931) *Faune ichthyologique de l'Atlantique Nord: conseil permanent international pour l'exploration de la mer*. Charlottelund, looseleaf, no page numbers. [ref. 32835]

Rüber, L., Britz, R. & Zardoya, R. (2006) Molecular phylogenetics and evolutionary diversification of labyrinth fishes (Perciformes, Anabantoidei). *Systematic Biology*, 55 (3), 374–397. [June, ref. 32638] http://dx.doi.org/10.1080/10635150500541664

Rüber, L., van Tassell, J.L. & Zardoya, R. (2003) Rapid speciation and ecological divergence in the American seven-spined gobies (Gobiidae, Gobiosomatini) inferred from a moleuclar phylogeny. *Evolution*, 57 (7), 1584–1598. [ref. 26969] http://dx.doi.org/10.1111/j.0014-3820.2003.tb00366.x

Russell, B.C. (1987) Clarification of the use of the family name Synodontidae in the Myctophiformes and Siluriformes. *Copeia,* 1987 (2), 513–515. [13 May, ref. 32600] http://dx.doi.org/10.2307/1445797

Russell, B.C. (1990) *FAO species catalogue volume 12, Nemipterid fishes of the world. (Threadfin breams, whiptail breams, monocle breams, dwarf monocle breams, and coral breams). Family Nemipteridae. An annotated and illustrated catalog of Nemipterid species known to date*. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, FAO, Rome, 149 pp. [ref. 19228]

Russell, B.C. (1999) Families Synodontidae and Bathysauridae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Batoid fishes, chimeras and bony fishes part 1 (Elopidae to Linophrynidae).* FAO, Rome, 3, pp. iii–vi + 1398–2068, Pls. I–IV. [ref. 24747]

Russell, B.C. (2001) A new species of *Pentapodus* (Teleostei, Nemipteridae) from the western Pacific. *The Beagle (Occasional Papers of the Northern Territory Museum of Arts and Sciences)*, 17, 53–56. [December, ref. 26651]

Russell, B.C. (2003) Synodontidae and Bathysauridae. *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae).* FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, pp. 923–932. [ref. 27004]

Russell, B.C. & Tweddle, D. (2013) A new species of *Nemipterus* (Pisces, Nemipteridae) from the western Indian Ocean. *Zootaxa*, 3630 (1), 191–197. [20 March, ref. 32547] http://dx.doi.org/10.11646/zootaxa.3630.1.9

Rutenberg, E.P. (1954) Sistema ryb semeystva terpugovykh (Hexagrammidae) [The system of fishes of the family of greenlings (Hexagrammidae)]. *Voprosy Ikhtiologii*, 2, 151–155. [in Russian] (16 October–10 December, ref. 33069]

Rutenberg, E.P. (1970) Survey of the fishes of family Hexagrammidae. In: Greenlings, taxonomy, biology, interoceanic transplantation. *Transactions of the Institute of Oceanology, Academy of Sciences of the USSR*, 59, i–iv + 1–208. [in Russian, English translation by Israel Program for Scientific Translation, 1972] [ref. 24028]

Rutter, C.M. (1897) A collection of fishes obtained in Swatow, China, by Miss Adele M. Fielde. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 49, 56–90. [mailing date on volume is 2 March for pp. 25–72, 4 March for pp. 73–120, ref. 12329]

Sabrosky, C.W. (1947) (March / April) Stability of family names: some principles and problems. *American Naturalist*, 81 (797), 153–160.
http://dx.doi.org/10.1086/281510

Saeed, B., Ivantsoff, W. & Allen, G.R. (1989) Taxonomic revision of the family Pseudomugilidae (order Atheriniformes). *Australian Journal of Marine and Freshwater Research*, 40 (6), 719–787. [ref. 13533] http://dx.doi.org/10.1071/mf9890719

Sáez, A. & Pequeño, G. (2009) Updated, illustrated and annotated taxonomic key for fishes of the family Labrisomidae from Chile (Perciformes, Blennioidei). *Gayana*., 73 (1), 130–140. [ref. 30951]

Sakai, K. (2001) Family Kyphosidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 4 (Labridae to Latimeriidae), estuarine crocodiles, sea turtles, sea snakes and marine mammals*. FAO, Rome, 6, i–v + 3381–4218, Pls. I–XIX. [ref. 26121]

Sakai, K. & Nakabo, T. (2004) Two new species of *Kyphosus* (Kyphosidae) and a taxonomic review of *Kyphosus bigibbus* Lacepède from the Indo-Pacific. *Ichthyological Research*, 51 (1), 20–32. [ref. 27596] http://dx.doi.org/10.1007/s10228-003-0186-2

Sakamoto, K. (1931) Type of a new family of mailed-cheek fish from the Japan Sea, *Marukawichthys ambulator*, n. g. n. sp.. *Journal of the Imperial Fisheries Institute*, 26 (2), 53–56. [March, ref. 3859]

Sakamoto, K. (1984) Interrelationships of the family Pleuronectidae (Pisces, Pleuronectiformes). *Memoirs of the Faculty of Fisheries Hokkaido University*, 31 (1/2), 95–215. [December, ref. 5273]

Salzburger, W., Mack, T., Verheyen, E. & Meyer, A. (2005) Out of Tanganyika: genesis, explosive speciation, key-innovations and phylogeography of the haplochromine cichlid fishes. *BMC Evolutionary Biology*, 5 (17) [work not published according to ICZN Article 8.1 and Article 9] [ref. 32239]

Sanford, C.P.J. (1990) The phylogenetic relationships of salmonoid fishes. *Bulletin of the British Museum (Natural History) Zoology*, 56 (2), 145–153. [25 October, ref. 33063]

Santini, F. & Tyler, J.C. (2003) A phylogeny of the families of fossil and extant tetraodontiform fishes (Acanthomorpha, Tetraodontiformes), Upper Cretaceous to Recent. *Zoological Journal of the Linnean Society*, 139 (4), 565–617. [December, ref. 27547]
http://dx.doi.org/10.1111/j.1096-3642.2003.00088.x

Sasaki, K. (1989) Phylogeny of the family Sciaenidae, with notes on its zoogeography (Teleostei, Perciformes). *Memoirs of the Faculty of Fisheries Hokkaido University*, 36 (1/2), 1–137. [December, ref. 19782]

Satapoomin, U. & Randall, J.E. (2000) *Plectorhinchus macrospilus*, a new species of thicklip (Perciformes, Haemulidae) from the Andaman Sea off southwestern Thailand. *Phuket Marine Biological Center Research Bulletin*, 63, 9–16. [November, ref. 25341]

Sato, K., Stewart, A.L. & Nakaya, K. (2013) *Apristurus garricki* sp. nov., a new deep-water catshark from the northern New Zealand waters (Carcharhiniformes, Scyliorhinidae). *Marine Biology Research*, 9 (8), 758–767. [20 May, ref. 32718]
http://dx.doi.org/10.1080/17451000.2013.765586

Sato, T. & Nakabo, T. (2002) Paraulopidae and *Paraulopus*, a new family and genus of aulopiform fishes with revised relationships within the order. *Ichthyological Research*, 49 (1), 25–46. [ref. 25953]

Sazonov, Yu.I. (1980) Replacement of the family name Searsiidae Parr, 1951 by the senior subjective synonym Platytroctidae Roule, 1919. *Voprosy Ikhtiologii*, 20 (6), 931–932. [in Russian, English translation in 1981, *Journal of Ichthyology*, 20 (6), 142–143] [ref. 20577]

Sazonov, Yu.I. (1986) Morfologiya i klassifikatsiya ryb semeystva Platytroctidae (Salmoniformes, Alepocephaloidei) [Morphology and classification of fishes of the family Platytroctidae (Salmoniformes, Alepocephaloidei)]. *Trudy Instituta Okeanologii Imeni P.P. Shirshova*, 121, 51–96. [in Russian, English summary] [after 14 October, ref. 6003]

Sazonov, Yu.I. & Iwamoto, T. (1992) Grenadiers (Pisces, Gadiformes) of the Nazca and Sala y Gomez ridges, southeastern Pacific. *Proceedings of the California Academy of Sciences*, 48 (2), 27–95. [28 July, ref. 19517]

Schaaf-Da Silva, J.A. & Ebert, D.A. (2006) *Etmoperus burgessi* sp. nov., a new species of lanternshark (Squaliformes, Etmopteridae) from Taiwan. *Zootaxa*, 1373, 53–64. [7 December, ref. 28880]

Schaaf-Da Silva, J.A. & Ebert, D.A. (2008) A revision of the western North Pacific swellsharks, genus *Cephaloscyllium* Gill 1862 (Chondrichthys, Carcharhiniformes, Scyliorhinidae), including descriptions of two new species. *Zootaxa*, 1872, 1–8. [8 September, ref. 29807]

Schaefer, S.A. (1991) Phylogenetic analysis of the loricariid subfamily Hypoptopomatinae (Pisces: Siluroidei: Loricariidae), with comments on generic diagnoses and geographic distribution. *Zoological Journal of the Linnean Society*, 102 (1), 1–41. [28 April, ref. 18926]
http://dx.doi.org/10.1111/j.1096-3642.1991.tb01535.x

Scheel, J.J. (1968a) *Rivulins of the Old World*. Tropical Fish Hobbyist Publications, New Jersey, 473 pp. [ref. 7644]

Scheel, J.J. (1968b) Description of a new species of Procatopodinae (Cyprinodontidae, Pisces) from Ghana, with remarks on the frontal patterns of scales and of neuromasts in West African procatopodine species. *Revue de Zoologie et de Botanique Africaines*, 78 (3/4), 277-283. [December, ref. 7914]

Scheel, J.J. (1990) *Atlas of killifishes of the Old World*. Tropical Fish Hobbyist Publications, Neptune City, New Jersey, 448 pp.

Schinz, H.R. (1822) *Das Thierreich eingetheilt nach dem Bau der Thiere als Grundlage ihrer Naturgeschichte und der vergleichenden Anatomie. Mit vielen Zusätzenversehen von H. R. Schinz Band 2*. Cotta, Stuttgart & Tübingen, xvi + 835 pp. [a translation, with emendations, of Cuvier's "Règne animal 1816" [ref. 993], includes new names given by Schinz; see also Daget, J. (1968) Les poissons dans l'édition allemande du Règne Animal de Cuvier. *Bulletin du Muséum National d'Histoire Naturelle*, Série 2, 39 (6) (1967), 1057–1059] [ref. 3926]

Schmidt, E.J. (1931) *Nessorhamphus*, a new cosmopolitan genus of oceanic eels. *Videnskabelige Meddelelser fra Dansk Naturhistorisk Forening, Kjøbenhavn*, 90, 371–375, Pls. 4–5. [ref. 3933]

Schmidt, J. (1918) Argentinidae, Microstomidae, Opisthoproctidae, Mediterranean Odontostomidae. *Report on the Danish Oceanographic Expedition 1908–1910 to the Mediterranean and Adjacent Seas, Biology (part A)*, 2 (5), 1–40. [15 March, ref. 32602]

Schmidt, P.Yu. (or P.J.) (1931) A list of fishes, collected in Japan and China by Dr. A. Bunge and N. Grebnitzky. *Bulletin de l'Academie des Sciences, Leningrad [Izvestiya Akademii nauk SSSR]*, Série 7, 1, 101–123. [February, ref. 16331]

Schmidt, P.Yu. (1950) Ryby Okhotskogo morya [Fishes of the Sea of Okhotsk]. *Transactions of the Pacific Committee of the Academy of Sciences of the U.S.S.R. [Izvestiya Akademii nauk SSSR]*, 6, 1–370, Pls. 1–20. [in Russian] [ref. 12471]

Schmiedeknecht, O. (1906) *Die Wirbeltiere Europa's mit Berücksichtigung der Faunen von Vorderasien und Nordafrika*. Gustav Fischer Verlag, Jena, 472 pp. [Fishes on pp. 311–454] [ref. 33177]

Schultz, L.P. (1929) Description of a new type of mud-minnow from western Washington, with notes on related species. *Publications in Fisheries, Seattle, Washington*, 2 (6), 73–81, Pls. 1–2. [July, ref. 3950]

Schultz, L.P. (1943) Fishes of the Phoenix and Samoan islands collected in 1939 during the expedition of the U. S. S. "Bushnell." *Bulletin of the United States National Museum*, 180, i–x + 1–316. [20 January, ref. 3957]

http://dx.doi.org/10.5479/si.03629236.180.i
Schultz, L.P. (1944a) The catfishes of Venezuela, with descriptions of thirty-eight new forms. *Proceedings of the United States National Museum*, 94 (3172), 173–338, Pls. 1–14. [11 February, ref. 3959]
http://dx.doi.org/10.5479/si.00963801.94-3172.173
Schultz, L.P. (1944b) The fishes of the family Characinidae from Venezuela, with descriptions of seventeen new forms. *Proceedings of the United States National Museum*, 95 (3181), 235–367. [6 September, ref. 3960]
http://dx.doi.org/10.5479/si.00963801.95-3181.235
Schultz, L.P. (1948) A revision of six subfamilies of Atherine fishes, with descriptions of new genera and species. *Proceedings of the United States National Museum*, 98 (3220), 1–48, Pls. 1–2. [24 March, ref. 3966]
http://dx.doi.org/10.5479/si.00963801.98-3220.1
Schultz, L.P. (1950) Correction for "A revision of six subfamilies of atherine fishes, with descriptions of new genera and species". *Copeia,* 1950 (2), 150. [30 June, ref. 3977]
http://dx.doi.org/10.2307/1438960
Schultz, L.P. (1958) Review of the parrotfishes family Scaridae. *Bulletin of the United States National Museum*, 214, i–v + 1–143, Pls. 1–27. [ref. 3970]
http://dx.doi.org/10.5479/si.03629236.214.1
Schultz, L.P. (1961) Revision of the marine silver hatchetfishes (family Sternoptychidae). Proceedings of the United States National Museum, 112 (3449), 587–649. [7 September, ref. 10156]
http://dx.doi.org/10.5479/si.00963801.112-3449.587
Schultz, L.P., Chapman, W.M., Lachner, E.A. & Woods, L.P. (1960) Fishes of the Marshall and Marianas islands. Volume 2, families from Mullidae through Stromateidae. *Bulletin of the United States National Museum*, 202, i–ix + 1–438, Pls. 75–123. [ref. 3972]
http://dx.doi.org/10.5479/si.03629236.202.438
Schultz, L.P. with Stern, E. (1948) *The ways of fishes*. Van Norstrand, New York (Toronto and London), xii + 264 pp. [reprinted (identical text) as Schultz, L. P. with Stern, E. 1971. *The ways of fishes*, Tropical Fish Hobbyist Publications, Hong Kong, 247 pp.] [ref. 31938]
Schultz, L.P., Woods, L.P. & Lachner, E.A. (1966) Fishes of the Marshall and Marianas islands. Volume 3, families Kraemeriidae through Antennariidae. *Bulletin of the United States National* Museum, 202, i–vii + 1–176. [ref. 5366]
Schwarzer, J., Misof, B., Tautz, D. & Schliewen, U.K. (2009) The root of the East African cichlid radiations. BMC Evolutionary Biology 9 (186). [work not published according to ICZN Article 8.1 and Article 9] [ref. 32240]
http://dx.doi.org/10.1186/1471-2148-9-186
Scott, E.O.G. (1936) Observations on fishes of the family Galaxiidae. Part I. *Papers and Proceedings of the Royal Society of Tasmania*, for 1935, 85–112. [17 August, ref. 3994]
Scott, E.O.G. (1953) Observations on some Tasmanian fishes: Part V [should be part IV]. *Papers and Proceedings of the Royal Society of Tasmania*, 87, 141–166. [15 August, ref. 32630]
Scott, J.K. (1976) A review of the fish genus *Neoodax* (Odacidae) of Western Australia with description of a closely allied new genus and species. *Records of the Western Australian Museum*, 4 (4), 349–373. [31 December, ref. 3996]
Scott, T.D. (1962) *The marine and fresh water fishes of South Australia (Handbooks of the flora and fauna of South Australia)*. South Australian Branch of the British Science Guild, Adelaide, 338 pp. [July, ref. 6608]
Seegers, L. (1984) Zwei Formen der Gattung *Aplocheilichthys* Bleeker, 1863 aus dem Küstentiefland von Tanzania, mit der Wiederbeschreibung von *Aplocheilichthys kongoranensis* (Ahl, 1924) (Pisces, Cyprinodontidae, Procatopodinae), Ichthyologische Ergebnisse aus Tanzania, V. *Revue Zoologique Africaine*, 98 (1), 74–96. [English and French summaries] [ref. 8975]
Shaffer, R.V. & Nakamura, E.L. (1989) Synopsis of biological data on the cobia *Rachycentron canadum* (Pisces, Rachycentridae). *NOAA technical report NMFS*, 82, i–iv + 1–21. [December, ref. 13517]
Shao, K.-W. & Hwang, D.-F. (1997) *Rhinochimaera pacifica* (Chimaeriformes, Rhinochimaeridae), the first rhinochimaerid recorded from Taiwan. *Acta Zoologica Taiwanica*, 8 (2), 97–102. [ref. 25309]
Sheiko, B.A. (1995) *Agonus* Bloch & Schneider, 1801 (Osteichthyes, Scorpaeniformes), proposed conservation; AGONIDAE Kirby, 1837 (Insecta, Coleoptera) and AGONIDAE Swainson, 1839 (Osteichthyes, Scorpaeniformes), proposed removal of homonymy. *Bulletin of Zoological Nomenclature*, 52 (1), 57–60. [ref. 26672]
Sheiko, B.A. (2013) On family-group names of extant fishes and fish-like vertebrates of the world. *Issledovaniya fauny morey [Explorations of the fauna of the seas], Zoological Institute RAS, St. Petersburg*, 74 (82), 1-204. [ref. 32944]
Shen, S.-C. (1998) A review of congrid eels of the genus *Ariosoma* from Taiwan, with description of a new species. *Zoological Studies*, 37 (1), 7–12. [ref. 23445]
Shen, S.-C. & Yeh, H.-S. (1987) Study on pearlfishes (Ophiidiiformes [sic], Carapidae) of Taiwan. *Journal of Taiwan Museum*, 40 (2), 45–56. [31 December, ref. 6418]
Shiino, S.M. (1972) List of English names of Japanese fishes with proposition of new names. *Science Report of Shima Marineland*, 1, 1-210.
Shiino, S.M. (1976) List of common names of fishes of the world, those prevailing among English-speaking nations. *Science Report of Shima Marineland*, 4, 1-262.
Shirai, S. & Tachikawa, H. (1993) Taxonomic resolution of the *Etmopterus pusillus* species group (Elasmobranchii,

Etmopteridae), with description of *E. bigelowi*, n. sp.. *Copeia*, 1993 (2), 483–495. [3 May, ref. 20599]
http://dx.doi.org/10.2307/1447149
Shufeldt, R.W. (1912) Professor Robert Collett on *Pterycombus brama* Fries. *Proceedings of the Biological Society of Washington*, 25, 39–50. [19 March, ref. 31946]
Silas, E.G. (1953) Classification, zoogeography and evolution of the fishes of the cyprinoid families Homalopteridae and Gastromyzonidae. *Records of the Indian Museum (Calcutta)*, 50 (for 1952) (2), 173–263, Pl. 5. [February, ref. 4024]
Smith, D.G. (1971) *Osteology, and relationships of the congrid eels of the western North Atlantic (Pisces, Anguilliformes)*. Ph.D. Dissertation, University of Miami, 163 pp.
Smith, D.G. (1989) Various eel families. *In*: Böhlke, E.B. (Editor), *Fishes of the western North Atlantic Volume 9 (1)*. Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, xvii + 655 pp. [September, ref. 13285]
Smith, D.G. & Baldwin, C.C. (1999) *Psilotris amblyrhynchus,* a new seven-spined goby (Teleostei: Gobiidae) from Belize, with notes on settlement-stage larvae. *Proceedings of the Biological Society of Washington*, 112 (2), 433–442. [15 June, ref. 24419]
Smith, H.M. (1902) Description of a new species of blenny from Japan. *Bulletin of the United States Fish Commission*, 21 (for 1901), 93–94. [28 March, ref. 4039]
Smith, H.M. (1912) Description of a new notidanoid shark from the Philippine Islands representing a new family. [Scientific results of the Philippine cruise of the Fisheries steamer "Albatross" 1907–10, No. 14]. *Proceedings of the United States National Museum*, 41 (1872), 489–491, Pl. 42. [8 February, ref. 4041]
http://dx.doi.org/10.5479/si.00963801.41-1872.489
Smith, H.M. (1931) Descriptions of new genera and species of Siamese fishes. *Proceedings of the United States National Museum*, 79 (2873), 1–48, Pl. 1. [26 March, ref. 4047]
http://dx.doi.org/10.5479/si.00963801.79-2873.1
Smith, H.M. (1945) The fresh-water fishes of Siam, or Thailand. *Bulletin of the United States National Museum*, 188, i–xi + 1–622. [13 November, ref. 4056]
http://dx.doi.org/10.5479/si.03629236.188.1
Smith, H.M. & Radcliffe, L. (1912) Description of a new family of pediculate fishes from Celebes (Scientific results of the Philippine cruise of the Fisheries steamer "Albatross" 1907–1910, No. 20). *Proceedings of the United States National Museum*, 42 (1917), 579–581, Pl. 72. [30 August, ref. 4057]
http://dx.doi.org/10.5479/si.00963801.42-1917.579
Smith, J.L.B. (1935) The "Galjoen" fishes of South Africa. *Transactions of the Royal Society of South Africa*, 23 (3), 265–276, Pls. 13–17. [ref. 13662]
http://dx.doi.org/10.1080/00359193509518897
Smith, J.L.B. (1938) The South African fishes of the families Sparidae and Denticidae. *Transactions of the Royal Society of South Africa*, 26 (3), 225–305, Pls. 18–29. [June, ref. 4067]
http://dx.doi.org/10.1080/00359193809519774
Smith, J.L.B. (1946) The fishes of the family Clinidae in South Africa. *Annals and Magazine of Natural History,* Series 11, 12 (92) [for August 1945], 535–546. [1 May, ref. 4072]
http://dx.doi.org/10.1080/00222934508654757
Smith, J.L.B. (1947) New species and new records of fishes from South Africa. *Annals and Magazine of Natural History,* Series 11, 13 (108) [1946], 793–821. [published October 31, 1947 printed on cover of separate; was to have been published December 1946] [31 October, ref. 4073]
http://dx.doi.org/10.1080/00222934608654603
Smith, J.L.B. (1948) New clinid fishes from the south western Cape, with notes on other fishes. *Annals and Magazine of Natural History*, Series 11, 14 (118) [1947], 732–736. [published 18 June, 1948 printed on cover of separate; was to have been published October 1947] [18 June, ref. 4075]
http://dx.doi.org/10.1080/00222934708654685
Smith, J.L.B. (1949) *The sea fishes of southern Africa*. Central News Agency, Ltd., Cape Town, xii + 550 pp., Pls. 1–103. [ref. 5846]
Smith, J.L.B. (1951) The genus *Paragobioides* Kendall & Goldsborough, 1911. *Annals and Magazine of Natural History,* Series 12, 4 (41), 518–527. [1 May, ref. 12918]
http://dx.doi.org/10.1080/00222935108654179
Smith, J.L.B. (1952) The fishes of the family Haliophidae. *Annals and Magazine of Natural History,* Series 12, 5 (49), 85–101, Pl. 6. [1 January, ref. 4082]
http://dx.doi.org/10.1080/00222935208654269
Smith, J.L.B. (1953) The fishes of the family Pseudogrammidae from East Africa. *Annals and Magazine of Natural History,* Series 12, 6 (67), 548–560. [1 July, ref. 4086]
http://dx.doi.org/10.1080/00222935308654452
Smith, J.L.B. (1954a) The Anisochromidae, a new family of fishes from East Africa. *Annals and Magazine of Natural History,* Series 12, 7 (76), 298–302, Pl. 6. [17 April, ref. 4092]
http://dx.doi.org/10.1080/00222935408651730

Smith, J.L.B. (1954b) Apogonid fishes of the subfamily Pseudamiinae from south-east Africa. *Annals and Magazine of Natural History,* Series 12, 7 (82), 775–795, Pl. 23. [21 October, ref. 4093]
http://dx.doi.org/10.1080/00222935408651790
Smith, J.L.B. (1954c) Aberrant serraniform fishes from East Africa. *Annals and Magazine of Natural History,* Series 12, 7 (83), 861–872, Pl. 27. [25 November, ref. 4094]
http://dx.doi.org/10.1080/00222935408651802
Smith, J.L.B. (1955a) Siphamiine fishes from South and East Africa. *Annals and Magazine of Natural History,* Series 12, 8 (85), 61–66, Pl. 1. [21 January, ref. 12473]
http://dx.doi.org/10.1080/00222935508651825
Smith, J.L.B. (1955b) An interesting new gobiiform fish from South Africa. *Annals and Magazine of Natural History,* Series 12, 8 (86) [for February], 106–110. [14 May, ref. 4095]
http://dx.doi.org/10.1080/00222935508651834
Smith, J.L.B. (1955c) The fishes of Aldabra, Part I. *Annals and Magazine of Natural History,* Series 12, 8 (88), 304–312, Pl. 3. [22 August, ref. 4096]
http://dx.doi.org/10.1080/00222935508655643
Smith, J.L.B. (1955d) The fishes of the family Carapidae in the western Indian Ocean. *Annals and Magazine of Natural History,* Series 12, 8 (90) [for June], 401–416. [27 September, ref. 4099]
http://dx.doi.org/10.1080/00222935508656068
Smith, J.L.B. (1955e) The genus *Pyramodon* Smith & Radcliffe, 1913. *Annals and Magazine of Natural History,* Series 12, 8 (91) [for July], 545–550. [28 October, ref. 32503]
http://dx.doi.org/10.1080/00222935508655665
Smith, J.L.B. (1955f) New species and new records of fishes from Moçambique, Part I. *Memorias do Museu Dr. Alvaro de Castro*, 3, 3–27, Pls. 1–3. [ref. 4101]
Smith, J.L.B. (1956) The fishes of Aldabra, Part II. *Annals and Magazine of Natural History,* Series 12, 8 (93) [for September 1955], 689–697. [5 January, ref. 33077]
http://dx.doi.org/10.1080/00222935508655685
Smith, J.L.B. (1957a) A preliminary survey of the scylliogeid dogfishes of South Africa. *South African Journal of Science*, 53 (14), 353–359. [ref. 12172]
Smith, J.L.B. (1957b) The fishes of the family Scorpaenidae in the western Indian Ocean. Pt. II. The subfamilies Pteroinae, Apistinae, Setarchinae and Sebastinae. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 5, 75–87. [ref. 12168]
Smith, J.L.B. (1958a) The gunnellichthid fishes with description of two new species from EastAfrica and of *Gunnellichthys (Clarkichthys) bilineatus* (Clark), 1936. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 9, 123–129. [January, ref. 4119]
Smith, J.L.B. (1958b) The fishes of the family Eleotridae in the western Indian Ocean. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 11, 137–163, Pls. 1–3. [July, ref. 4118]
Smith, J.L.B. (1958c) Fishes of the families Tetrarogidae, Caracanthidae and Synanciidae, from the western Indian Ocean with further notes on scorpaenid fishes. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 12, 167–181. [October, ref. 4120]
Smith, J.L.B. (1961a) Fishes of the family Apogonidae of the western Indian Ocean and the Red Sea. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 22, 373–418, Pls. 46–52. [September, ref. 4128]
Smith, J.L.B. (1961b) *The sea fishes of southern Africa, 4th edition*. Central News Agency, Ltd., Cape Town, 580 pp., Pls. 1–111. [ref. 18723]
Smith, J.L.B. (1962) Fishes of the family Gaterinidae of the western Indian Ocean and the Red Sea with a résumé of all known Indo-Pacific species. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 25, 469–502, Pls. 69–72. [July, ref. 6442]
Smith, J.L.B. (1963) Fishes of the families Draconettidae and Callionymidae from the Red Sea and the western Indian Ocean. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 28, 547–564, Pls. 83–86. [December, ref. 4129]
Smith, J.L.B. (1964) The clingfishes of the western Indian Ocean and the Red Sea. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 30: 581–596, Pls. 92–97. [ref. 3493]
Smith, J.L.B. (1965a) Fishes of the family Atherinidae of the Red Sea and the western Indian Ocean with a new freshwater genus and species from Madagascar. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 31, 601–632, Pls. 98–102. [August, ref. 4135]
Smith, J.L.B. (1965b) An interesting new fish of the family Chiasmodontidae from South Africa, with redescription of *Odontonema kerberti* Weber, 1913. *Annals and Magazine of Natural History,* Series 13, 7 (81) [for 1964], 567–574. [1 September, ref. 4134]
http://dx.doi.org/10.1080/00222936408651500
Smith, J.L.B. (1965c) *Kaupichthys diodontus* Schultz, in the western Indian Ocean. *Occasional Papers of the Department of Ichthyology, Rhodes University*, 5, 45–54, Pl. 12. [December, ref. 32251]
Smith, J.L.B. (1966a) An interesting new eel of the family Xenocongridae from Cook Island, Pacific. *Annals and Magazine of Natural History,* Series 13, 8 (89) [for May/June 1965], 297–301, Pl. 10. [8 March, ref. 4136]

http://dx.doi.org/10.1080/00222936508651571
Smith, J.L.B. (1966b) Fishes of the sub-family Nasinae with a synopsis of the Prionurinae. *Ichthyological Bulletin, Department of Ichthyology, Rhodes University*, 32, 635–682, Pls. 103–104. [November, ref. 9066]
Smith, M.M. & Heemstra, P.C. (Editors) (1986) *Smiths' Sea Fishes*. Macmillan South Africa, Johannesburg, xx + 1047 pp., 144 Pls. [ref. 5715]
Smith, M.M. & Heemstra, P.C. (Editors) (1995) *Smith's Sea Fishes*. Third impression, Macmillan South Africa, Johannesburg, xxxi + 1047 pp. [ref. 21953]
Smith, W.L. & Craig, M.T. (2007) Casting the percomorph net widely, the importance of broad taxonomic sampling in the search for the placement of serranid and percid fishes. *Copeia*, 2007 (1), 35–55. [ref. 29042]
http://dx.doi.org/10.1643/0045-8511(2007)7[35:ctpnwt]2.0.co;2
Smith-Vaniz, W.F. & Collette, B.B. (2013) Fishes of Bermuda. *aqua, International Journal of Ichthyology*, 19 (4), 165–186. [25 October, ref. 32953]
Smith-Vaniz, W.F. & Johnson, G.D. (1990) Two new species of Acanthoclininae (Pisces: Plesiopidae) with a synopsis and phylogeny of the subfamily. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 142, 211–260. [ref. 16561]
Smith-Vaniz, W.F. & Staiger, J.C. (1973) Comparative revision of *Scomberoides*, *Oligoplites*, *Parona*, and *Hypacanthus* with comments on the phylogenetic position of *Campogramma* (Pisces, Carangidae). *Proceedings of the California Academy of Sciences,* Series 4, 39 (13), 185–256. [9 July, ref. 7106]
Smitt, F.A. (1892–95) *A History of Scandinavian Fishes, by B. Fries, C. U. Ekström, and C. Sundevall. 2nd edition, revised and completed by F. A. Smitt*. Stockholm & London, Part 1 (1892), pp. 1–566 + i–viii + Plates 1–26; Part 2 (1895), pp. 567–1240, Plates 27–53. [ref. 4146]
Snodgrass, R.E. & Heller, E. (1905) Papers from the Hopkins-Stanford Galapagos Expedition, 1898–1899. XVII. Shore fishes of the Revillagigedo, Clipperton, Cocos and Galapagos Islands. *Proceedings of the Washington Academy of Science*, 6, 333–427. [31 January, ref. 12322]
http://dx.doi.org/10.5962/bhl.title.18212
Snyder, J.O. (1911) Descriptions of new genera and species of fishes from Japan and the Riu Kiu Islands. *Proceedings of the United States National Museum*, 40 (1836), 525–549. [26 May, ref. 4152]
http://dx.doi.org/10.5479/si.00963801.1836.525
Sonnenberg, R. & van der Zee, J.R. (2008) On the validity of *Fenerbahce* Özdikmen, Polat, Yilmaz & Yazicioglu, 2006 as replacement for *Adamas* Huber, 1979 (Cyprinodontiformes: Nothobranchiidae). *Zootaxa*, 1687, 67–68. [23 January, ref. 29487]
Soto, J.M.R. (2001) Contribuição ao conhecimento do tubarão-negro *Centroscymnus cryptacanthus* Regan, 1906 (Chondrichthyes, Dalatiidae) e a sinonimização de *C. owstoni* Garman, 1906. *Mare Magnum*, 1 (1), 27–36. [ref. 26635]
Sparks, J.S. (2002) *Paretroplus dambabe*, a new cichlid fish (Teleostei: Cichlidae) from northwestern Madagascar, with a discussion on the status of *P. petiti*. *Proceedings of the Biological Society of Washington*, 115 (3), 546–563. [ref. 26376]
Sparks, J.S. (2004) Molecular phylogeny and biogeography of the Malagasy and South Asian cichlids (Teleostei: Perciformes: Cichlidae). *Molecular Phylogenetics and Evolution*, 30 (3), 599–634. [March, ref. 32235]
http://dx.doi.org/10.1016/S1055-7903(03)00225-2
Spix, J.B. von & Agassiz, L. (1829–31) *Selecta genera et species piscium quos in itinere per Brasiliam annos MDCCCXVII–MDCCCXX jussu et auspiciis Maximiliani Josephi I. ... colleget et pingendso curavit Dr J. B. de Spix, digessit, descripsit et observationibus anatomicis illustravit dr. L. Agassiz, praefatus est et edidit itineris socius dr. F. C. Ph. de Martius. [A selection of genera and species of fishes from travels in Brazil in the years 1817–1820 by the order and under the auspicies of Maximiliani Josephi I. ..., which were collected by and painted for Dr J.B. de Spix, ... with an account, descriptions and anatomical illustrations by dr. L. Agassiz, prefaced and edited by travelling companion dr. E.C.Ph. de Martius]*. Munich, Part 1, i–xvi + i–ii + 1–82 pp., 48 Pls.; Part 2, 83–138 pp., Pls. 49–101. [part 1 published June 1829, part 2 published January 1831, ref. 13]
http://dx.doi.org/10.5962/bhl.title.9366
Springer, S. (1973) Odontaspididae (p. 11), Mitsukurinidae (p. 12), Lamnidae (pp. 13–15), Cetorhinidae (p. 16), Alopiidae (p. 17), Orectolobidae (p. 18), Scyliorhinidae (pp. 19–21), Pseudotriakidae (p. 22). *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, xxii + 683 pp. [ref. 7162]
Springer, S. (1979) A revision of the catsharks, family Scyliorhinidae. *NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular*, 422, i–v + 1–152. [April, ref. 4175]
Springer, S. (1990a) Chlamydoselachidae, Hexanchidae, Echinorhinidae, Squalidae, Oxynotidae, Squatinidae, Ginglymostomatidae, Rhinodontidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 2–80. [ref. 19315]
Springer, S. (1990b) Odontaspididae, Pseudocarchariidae, Mitsukurinidae, Alopiidae, Cetorhinidae, Lamnidae, Scyliorhinidae, Pseudotriakidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 81–95. [ref. 19319]
Springer, S. (1990c) Leptochariidae, Triakidae, Hemigaleidae, Carcharhinidae, Sphyrnidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume*

1. UNESCO, Paris, pp. 96–110. [ref. 19320]
Springer, V.G. (1968) Osteology and classification of the fishes of the family Blenniidae. *Bulletin of the United States National Museum*, 284, 1–85, Pls. 1–11. [ref. 32632]
Springer, V.G. (1982) Pacific plate biogeogaphy, with special reference to shorefishes. *Smithsonian Contributions to Zoology*, 367, i–iv + 1–182. [ref. 33086]
http://dx.doi.org/10.5479/si.00810282.367
Springer, V.G. (2001) Family Pholidichthyidae. *In*: Carpenter, K.E. & Niem, V.E. (Editors), *Species identification guide for fisheries purposes. The living marine resources of the western central Pacific. Bony fishes part 4 (Labridae to Latimeriidae), estuarine crocodiles, sea turtles, sea snakes and marine mammals*. FAO, Rome, 6, p. 3500. [ref. 26282]
Springer, V.G. & Freihofer, W.C. (1976) Study of the monotypic fish family Pholidichthyidae (Perciformes). *Smithsonian Contributions to Zoology*, 216, i–iii + 1–43. [10 February, ref. 7108]
http://dx.doi.org/10.5479/si.00810282.216
Springer, V.G. & Johnson, G.D. (2004) Study of the dorsal gill-arch musculature of teleostome fishes, with special reference to the Actinopterygii. *Bulletin of the Biological Society of Washington*, 11, i–vi + 1–260. [27 October, ref. 33199]
http://dx.doi.org/10.5962/bhl.title.49077
Springer, V.G. & Raasch, M.S. (1995) *Fishes, Angling, and Finfish Fisheries on Stamps of the World (American Topical Association Handbook No. 129)*. American Topical Association, Tucson, AZ, 107 pp. [ref. 25656]
Springer, V.G. & Smith-Vaniz, W.F. (1972) A new tribe (Phenablenniini) and genus (*Phenablennius*) of blenniid fishes based on *Petroscirtes heyligeri* Bleeker. *Copeia,* 1972 (1), 64–71. [8 March, ref. 4180]
http://dx.doi.org/10.2307/1442782
Springer, V.G. & Smith-Vaniz, W.F. (2008) Supraneural and pterygiophore insertion patterns in carangid fishes, with description of a new Eocene carangid tribe, †Paratrachinotini, and a survey of anterior anal-fin pterygiophore insertion patterns in Acanthomorpha. *Bulletin of the Biological Society of Washington*, 16, i + 1–73. [12 September, ref. 31826]
http://dx.doi.org/10.2988/0097-0298(2008)16[1:sapipi]2.0.co;2
Staeck, W. (1977) *Cichliden (Verbreitung, Verhalten, Arten), Band 2*. Engelbert Pfriem Verlag, Wuppertal-Elberfeld, Germany, 296 pp. [ref. 32236]
Stark, J. (1828) *Elements of natural history, adapted to the present state of the science, containing the generic characters of nearly the whole animal kingdom, and descriptions of the principal species, Volumes 1 and 2*. Adam Black & John Stark, Edinburgh, vi + 527 pp., 4 Pls. [Fishes are on pp. 371–493 of vol. 1] [ref. 4193]
http://dx.doi.org/10.5962/bhl.title.23508
Starks, E.C. (1906) On a collection of fishes made by P.O. Simons in Ecuador and Peru. *Proceedings of the United States National Museum*, 30 (1468), 761–800. [14 June, ref. 10101]
http://dx.doi.org/10.5479/si.00963801.30-1468.761
Starks, E.C. (1910) The osteology and mutual relationships of the fishes belonging to the family Scombridae. *Journal of Morphology*, 21 (1), 77–99, Pls. 1–3. [ref. 32637]
http://dx.doi.org/10.1002/jmor.1050210103
Stearn, W.T. (1985) Hookerianus or hookeranus? Notes on the ending -erianus in plant names. *The Garden*, 100 (10), 463-465.
Stehmann, M.F.W. (1974) *Pteroplatea binotata* Lunel, 1879, ein vergessenes junior synonym von *Gymnura altavela* (Linnaeus, 1758) (Pisces, Batoidei, Gymnuridae). *Revue Suisse de Zoologie*, 81 (1), 83–93. [April, ref. 21659]
Stehmann, M.F.W. (1990) Rhynchobatidae, Rhinobatidae, Platyrhinidae, Rajidae, Pristidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 22–54. [ref. 19316]
Steindachner, F. (1870) Zur Fischfauna des Senegal. Dritte Abtheilung. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe*, 61 (1), 533–583, Pls. 1–8. [also as a separate, pp. 1–51, Pl. 1–8] [ref. 18768]
Steindachner, F. (1880) Ichthyologische Beiträge (IX). I. Über eine Sammlung von Flussfischen von Tohizona auf Madagascar. II. Über zwei neue *Agonus*-Arten aus Californien. III. Über einige Fischarten aus dem nördlichen Japan, gesammelt von Professor Dybowski. *Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe*, 82 (1), 238–266. [separate (1880) pp. 1–29, Pls. 1–6] [ref. 4230]
Sterba, G. (1962) *Freshwater Fishes of the world*. Vista Books, London, 878 pp. [translation and revision of Sterba's "Süßwasserfische aus aller Welt 1959" by Tucker, D.W.]
Sterba, G. (1990), *Süßwasserfische der Welt*, *2. Auflage*. Urania Verlag, Leipzig, 914 pp.
Stewart, D.J. (1985) A review of the South American catfish tribe Hoplomyzontini (Pisces, Aspredinidae), with descriptions of new species from Ecuador. *Fieldiana Zoology*, New Series, 25, i–iii + 1–19. [31 July, ref. 5239]
http://dx.doi.org/10.5962/bhl.title.3483
Steyskal, G.C. (1980) The grammar of family-group names as exemplified by those of fishes. *Proceedings of the Biological Society of Washington*, 93 (1), 168–177. [ref. 14191]
http://www.biodiversitylibrary.org/page/34557938
Stiassny, M.L.J., Parenti, L.R. & Johnson, G.D. (Editors) (1996) *Interrelationships of fishes*. Academic Press, San Diego, xiii + 496 pp. [ref. 23450]
Stiassny, M.L.J. & Raminosa, N. (1994) The fishes of the inland waters of Madagascar. In: Teugels, G.G., Guegan, J.-F. &

Albaret, J.-J. (Editors), Biological diversity in African fresh- and brackish-water fishes. *Annales du Musee Royal de l'Afrique Centrale, Série Sciences Zoologiques*, 275, 133–149. [ref. 32182]

Stiassny, M.L.J., Teugels, G.G. & Hopkins, C.D. (Editors) (2007a) *The fresh and brackish water fishes of Lower Guinea, West-Central Africa [Poissons d'eaux douces et saumâtres de basse Guinée, ouest de l'Afrique centrale]*, Volume 1. Faune et flore tropicales. Publications scientifiques du Museum, MRAC, 800 pp. [ref. 30009]

Stiassny, M.L.J., Teugels, G.G. & Hopkins, C.D. (Editors) (2007b) *The fresh and brackish water fishes of Lower Guinea, West-Central Africa [Poissons d'eaux douces et saumâtres de basse Guinée, ouest de l'Afrique centrale]*, Volume 2. Faune et flore tropicales. Publications scientifiques du Museum, MRAC, 603 pp. [ref. 30010]

Storer, D.H. (1846) A synopsis of the fishes of North America. *Memoirs of the American Academy of Arts and Sciences (new series)*, 2 (7), 253–550. [also as a separate] [ref. 18840]
http://dx.doi.org/10.2307/25057935

Straube, N., Kriwet, J. & Schliewen, U.K. (2011) Cryptic diversity and species assignment of large lantern sharks of the *Etmopterus spinax* clade from the Southern Hemisphere (Squaliformes, Etmopteridae). *Zoologica Scripta*, 40 (1), 61–75. [January, ref. 31679]
http://dx.doi.org/10.1111/j.1463-6409.2010.00455.x

Stromer, E. (1910) Reptilien- und Fischreste aus dem marinen Alttertiär von Südtogo (Westafrika). *Monatsberichte der deutschen geologischen Gesellschaft*, 62, 478–507, 1 Pl. [ref. 33048]

Su, J.-X. & Li, C.-S. (2002) *Fauna Sinica. Osteichthyes. Tetraodontiformes, Pegasiformes, Gobiesociformes, Lophioformes*. Science Press, Beijing, xii + 495 pp. [in Chinese, English summary. New taxa, some other taxa and the keys are given in English on pp. 421–463] [ref. 28836]

Sulak, K.J. (1977) The systematics and biology of *Bathypterois* (Pisces, Chlorophthalmidae) with a revised classification of benthic myctophiform fishes. *Galathea Report*, 14, 49–108. [ref. 4299]

Sulak, K.J. & Shcherbachev, Yu.N. (1988) A new species of tripodfish, *Bathypterois (Bathycygnus) andriashevi* (Chlorophthalmidae), from the western South Pacific Ocean. *Copeia*, 1988 (3), 653–659. [3 August, ref. 6677]
http://dx.doi.org/10.2307/1445383

Sullivan, J.P., Lundberg, J.G. & Hardman, M. (2006) A phylogenetic analysis of the major groups of catfishes (Teleostei, Siluriformes) using *rag*1 and *rag*2 nuclear gene sequences. *Molecular Phylogenetics and Evolution*, 41, 636–662. [ref. 28869]
http://dx.doi.org/10.1016/j.ympev.2006.05.044

Suzuki, K. (1962) Anatomical and taxonomical studies on the carangid fishes of Japan. *Report of the Faculty of Fisheries University of Mie*, 4 (2), 43–232. [possibly not published until 1963] [15 December, ref. 4301]

Svetovidov, A.N. (1952) *Sel'devye (Clupeidae) Fauna SSSR [Fishes. Herrings (Clupeidae). Fauna of the USSR]*, *New Series Pisces Volume 2 Part 1*. Zoological Institute of the Academy of Sciences SSSR, Leningrad, 331 pp., 53 Pls. [after 14 August, ref. 21481]

Swainson, W. (1838) *On the natural history and classification of fishes, amphibians, & reptiles, or monocardian animals, Volume I*. Spottiswoode & Co., London, vi + 368 pp. [ref. 4302]
http://dx.doi.org/10.5962/bhl.title.62140

Swainson, W. (1839) *On the natural history and classification of fishes, amphibians, & reptiles, or monocardian animals, Volume II*. Spottiswoode & Co., London, vi + 448 pp. [ref. 4303]
http://dx.doi.org/10.5962/bhl.title.62140

Takagi, K. (1963) *Studies of the gobiid fishes in the Japanese waters on the comparative morphology, phylogeny, taxonomy, distribution and bionomics*. [in Japanese, mimeographed; work not published according to ICZN Article 8.1] [ref. 32635]

Takahashi, T. (2003) Systematics of Tanganyikan cichlid fishes (Teleostei: Perciformes). *Ichthyological Research*, 50 (4), 367–382. [ref. 27540]
http://dx.doi.org/10.1007/s10228-003-0181-7

Tanaka, S. (1912) *Figures and descriptions of the fishes of Japan, including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea and southern Sakhalin*, Tokyo, 6, 87–108. [in Japanese and English] [10 April, ref. 6033]
http://dx.doi.org/10.5962/bhl.title.13715

Tanaka, S. (1915) Ten new species of Japanese fishes. *Dobutsugaku Zasshi* (*= Zoological Magazine) Tokyo*, 27 (325), 565–568. [in Japanese] [15 November, ref. 4324]

Taranetz, A.Ya. (1935) Nekotorye izmeneniya v sistematike ryb sovetskogo Dal'nego Vostoka s zametkami ob ikh rasprostranenii [Some changes in the classification of fishes of the Soviet Far East with notes on their distribution]. *Vestnik Dal'nevostocnogo Filiala Akademii Nauk SSSR [Bulletin of the Far Eastern Branch of the Academy of Sciences of the USSR]*, 13 (1935), 89–101. [in Russian, English summary (pp. 99–101)] [5 October, ref. 4339]

Taranetz, A.Ya. (1941) K klassifikatsii i proiskhozhdeniyu bychkov semeystva Cottidae [On the classification and origin of the family Cottidae]. *Izvestiya Akademii Nauk SSSR, Otdeleniya Biol. [Transactions of the USSR Academy of Sciences. Department of Biological Sciences]*, 3, 427–447. [in Russian, English summary; also translation by Wilimovsky & Lanz 1959, Institute of Fisheries, University of British Columbia, Museum Contributions 5, 28 pp.] [ref. 5535]

Taverne, L. & Aloulou-Triki, A. (1974) Étude anatomique, myologique et ostéologique du genre *Synodontis* Cuvier (Pisces: Siluriformes, Mochocidae). *Annales, Musée Royal de l'Afrique Centrale, Tervuren, Série in 8º, Sciences Zoologiques*, 210, 1–69, Pls. 1–2. [July, ref. 17316]

Taylor Jr., L.R., Compagno, L.J.V. & Struhsaker, P.J. (1983) Megamouth - a new species, genus, and family of lamnoid shark (*Megachasma pelagios*, family Megachasmidae) from the Hawaiian Islands. *Proceedings of the California Academy of Sciences,* Series 4, 43 (8), 87–110. [6 July, ref. 5428]
http://www.biodiversitylibrary.org/page/15775401

Tchernavin, V.V. (1923) Opyt sistematicheskoy gruppirovki nekotorykh Salmonoidei, osnovanniy na ikh osteologicheskikh priznakakh [Essay of the systematic grouping of several Salmonoidei, based on their osteological characters]. *Izvestiya Gosudarstvennogo Instituta opytnoy agronomii [Annals of the State Institute of Experimental Agronomy]*, 1 (3), 103–106. [in Russian] [15 September, ref. 33064]

Tellkampf, T.A. (1844) Ueber den blinden Fisch der Mammuthhöhle in Kentucky, mit Bemerkungen über einige andere in dieser Höhle lebende Thiere. *Archiv für Anatomie, Physiologie, und wissenschaftliche Medicin (J. Müller)*, 1844, 381–394, Pl. 9. [ref. 27512]

Tellkampf, T.A. (1845) Memoirs on the blind fishes and some other animals living in the Mammoth Cave in Kentucky. *New York Journal of Medicine, and the Collateral Sciences*, 5 (13), 84–93, 1 pl. [July, ref. 27515]

Temple, J.T. (1962) Case no. 2, the International Code provisions on family-group names and their effects on trilobite taxonomy. *Bulletin of Zoological Nomenclature*, 19 (6), 338–344.

Terron, C.C. (1931) *Chirostoma samani* sp. nov. *Anales del Instituto de Biologia de la Universidad Nacional Autonoma de Mexico*, 2 (3), 235–241. [ref. 16336]

Thacker, C.E. (2009) Phylogeny of Gobioidei and placement within Acanthomorpha, with a new classification and investigation of diversification and character evolution. *Copeia*, 2009 (1), 93–104. [ref. 30058]
http://dx.doi.org/10.1643/ci-08-004

Thacker, C.E. (2013) Phylogenetic placement of the European sand gobies in Gobionellidae and characterization of gobionellid lineages (Gobiiformes, Gobioidei). *Zootaxa*, 3619 (3), 369–382. [28 February, ref. 32494]
http://dx.doi.org/10.11646/zootaxa.3619.3.6

Thompson, B.A. (2003) Aulopidae, Chlorophthalmidae, Ipnopidae, Scopelarchidae, Notosudidae, Paralepididae, Anotopteridae, Evermannellidae, Omosudidae, Alepisauridae, and Giganturidae. *In*: Carpenter, K.E. (Editor), *The living marine resources of the Western Central Atlantic. Volume 2: Bony fishes part 1 (Acipenseridae to Grammatidae).* FAO species identification guide for fishery purposes and American Society of Ichthyologist and Herpetologists Special Publication No. 5. FAO, Rome, pp. 914–941. [ref. 27003]

Tighe, K.A. (1989) Family Serrivomeridae, Leptocephali. *In*: Böhlke, E.B. (Editor), *Fishes of the western North Atlantic, Volume 9 (2) Leptocephali.* Memoirs of the Sears Foundation of Marine Research, Sears Foundation for Marine Research, Yale University, New Haven, pp. 921–924. [ref. 25417]

Tilak, R. (1967) Studies on the osteocranium and the Weberian apparatus of the fishes of the genus *Batasio* Blyth, 1860 (Pisces: Siluroidei) with remarks on the systematic position of the genus. *Anatomischer Anzeiger*, 121, 415–434. [ref. 32180]

Tinker, S.W. (1978) *Fishes of Hawaii: a handbook of the marine fishes of Hawaii and the central Pacific Ocean*. Hawaiian Service, Honolulu, 532 pp. + 35 Pls. [ref. 32853]

Tominaga, Y. (1986) The relationships of the families Glaucosomatidae and Pempheridae. *In:* Uyeno, T., Hakubutsukan, T.K., Hakubutsukan, K.K. & Gakkai, N.G. (Editors), *Indo-Pacific fish biology, proceedings of the Second International Conference on Indo-Pacific Fishes, conducted at the Tokyo National Museum Ueno Park, Tokyo, July 29 – August 3, 1985.* Ichthyological Society of Japan, pp. 595–599. [30 May, ref. 6315]

Torres-Orozco, R. & Castro-Aguirre, J.L. (1983) Nueva familia, género y especie nuevos del suborden Stromateoidei (Pisces: Perciformes), del Pacífico de México. *Anales de la Escuela Nacional de Ciencias Biológicas México*, 26 [for 1982], 37–46. [date of 1983 from Guzmán, A.F. (2011) Catálogo de los ejemplares tipo de peces depositados en la colección del Laboratorio de Ecología del Departamento de Zoología, ENCB, IPN. *Hidrobiológica*, 21 (2), 168-177] [ref. 5384]

Tortonese, E. (1959) Un nuovo pesce Mediterraneo di profondità: *Eutelichthys leptochirus*, nov. gen. et nov. sp. (Fam. Eutelichthyidae nov.). *Annali del Museo Civico di Storia Naturale 'Giacomo Doria'*, 71, 226–232. [5 December, ref. 4417]

Tortonese, E., Sertorio, T. & Bauchot, M.-L. (1973) Centracanthidae. *In*: Hureau, J.-C. & Monod, T. (Editors), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean, CLOFNAM, Volume 1*. Unesco, Paris, pp. 417–419. [ref. 7202]

Travassos, H. (1946) Contribuições para o conhecimento da famìília Characidae Gill, 1893 III. Discussão sôbre os gêneros "Cynodon" Spix, 1829 e "Rhaphiodon" Agassiz, 1829, com novo nome de subfamilia. *Summa Brasiliensis Biologiae*, 1 (9), 129–141. [also as Ano I, Vol. 1, pp. 1–9] [August, ref. 5009]

Travassos, H. (1952) Contribuição ao estudo da subordem Characoidei Berg, 1940. IX Sôbre o subgênero *Jobertina* Pellegrin, 1909, com uma nova subfamilia (Actinopterygii, Cypriniformes). *Boletim do Museu Nacional do Rio de Janeiro, Zoologia,* Nova Série, 109, 1–45. [31 March, ref. 12720]

Travassos, H. (1956) Ictiofauna de Pirassununga. II. Sôbre Characidiinae H. Travassos, 1952 (Cypriniformes - Characoidei). *Boletim do Museu Nacional do Rio de Janeiro, Zoologia*, Nova Série, 135, 1–14. [4 August, ref. 12233]

Travers, R.A. (1984) A review of the Mastacembeloidei, a suborder of synbranchiform teleost fishes. Part II: Phylogenetic analysis. *Bulletin of the British Museum (Natural History) Zoology*, 47 (2), 83–150. [26 July, ref. 5147]

Trewavas, E. (1932) A contribution to the classification of the fishes of the order Apodes, based on the osteology of some rare

eels. *Proceedings of the Zoological Society of London*, 102 (3), 639–660. [September, ref. 32836]
http://dx.doi.org/10.1111/j.1096-3642.1932.tb01089.x
Trewavas, E. (1937) Pisces. *Zoological Record*, 73 (for 1936), 1–91. [December, ref. 33052]
Trewavas, E. (1962) A basis for classifying the sciaenid fishes of tropical West Africa. *Annals and Magazine of Natural History,* Series 13, 5 (51, for March), 167–176. [18 October, ref. 4455]
http://dx.doi.org/10.1080/00222936208651230
Trewavas, E. (1977) The sciaenid fishes (croakers or drums) of the Indo-West-Pacific. *Transactions of the Zoological Society of London*, 33 (4), 253–541 + frontispiece, Pls. 1–14. [July, ref. 4459]
Triques, M.L. (2011) *Apteronotus acidops*, new species of long snouted electric fish (Teleostei, Gymnotiformes, Apteronotidae) from the upper rio Paraná basin in Brazil, with a key to the apteronotid species from the area. *Vertebrate Zoology*, 61 (3), 299–306. [ca. 13 December, ref. 31671]
Troschel, F.H. (1852) Bericht über die Leistungen in der Ichthyologie während des Jahres 1851. *Archiv für Naturgeschichte*, 18 (2), 73–104. [ref. 33126]
Trott, L.B. (1981) A general review of the pearlfishes (Pisces, Carapidae). *Bulletin of Marine Science*, 31 (3), 623–629. [ref. 14205]
Tucker, D.W. (1954) Report on the fishes collected by S. Y. "Rosaura" in the North and Central Atlantic, 1937–38. Part I. Families Carcharhinidae, Torpedinidae, Rosauridae (nov.), Salmonidae, Alepocephalidae, Searsidae, Clupeidae. *Bulletin of the British Museum (Natural History) Zoology*, 2 (6), 163–214, Pls. 7–8. [24 September, ref. 4470]
Tucker, D.W. (1956) Studies on the trichiuroid fishes 3. A preliminary revision of the family Trichiuridae. *Bulletin of the British Museum (Natural History) Zoology*, 4 (3), 163–214, Pl. 10. [17 August, ref. 32854]
Tyler, J.C. (1968) A monograph on plectognath fishes of the superfamily Triacanthoidea. *Monographs of the Academy of Natural Sciences of Philadelphia*, 16, 1–364. [26 November, ref. 6438]
Tyler, J.C. (1980) Osteology, phylogeny, and higher classification of the fishes of the order Plectognathi (Tetraodontiformes). *NOAA (National Oceanic and Atmospheric Administration) Technical Report NMFS (National Marine Fisheries Service) Circular*, 434, 1–422. [October, ref. 4477]
http://dx.doi.org/10.5962/bhl.title.63022
Tyler, J.C., O'Toole, B. & Winterbottom, R. (2003) Phylogeny of the genera and families of zeiform fishes, with comments on their relationships with tetraodontiforms and caproids. *Smithsonian Contributions to Zoology*, 618, i–iv + 1–110. [ref. 26742]
http://dx.doi.org/10.5479/si.00810282.618
Tyler, J.C., Robins, C.R., Smith, C.L. & Gilmore, R.G. (1992) Deepwater populations of the western Atlantic pearlfish *Carapus bermudensis* (Ophidiiformes, Carapidae). *Bulletin of Marine Science*, 51 (2), 218–223. [ref. 21501]
Ueno, T. (1970) *Fauna Japonica. Cyclopteridae (Pisces)*. Academic Press of Japan, 233 pp., 13 Pls. [ref. 26199]
Vaillant, L.L. (1902) Résultats zoologiques de l'expédition scientifique Néerlandaise au Bornéo central. Poissons. *Notes from the Leyden Museum*, 24 (1), 1–166. [November, ref. 4490]
van der Hoeven, J. (1832) *Handboek der dierkunde [Handbook of zoology], Volume 2*. J.C.A. Sulpke, Amsterdam, x + 667 pp. [Fishes on pp. 131–269 in Second part, printed April 1832. Plates appeared in 1833. We date new taxa to 1832] [April, ref. 5061]
van der Hoeven, J. (1855) *Handboek der Dierkunde, tweede verbeterde en vermeerderde uitgave* [*Handbook of zoology 2nd Edition*], J.C.A. Sulpke, Amsterdam, xxviii + 1068 pp. [Fishes, volume 2, pp. 188–419] [ref. 2182]
van der Laan, R. (2014) *Freshwater Fish List, 10th Edition*. Van der Laan, Almere, 760 pp.
http://dx.doi.org/10.13140/2.1.4963.9682
van Oijen, M.J.P., Kawai, T. & Loots, I. (2013) Putative type specimens of *Satyrichthys* (Scorpaeniforms, Peristediidae) in the Bleeker collection of the Naturalis Biodiversity Center, Leiden, The Netherlands. *Zootaxa*, 3670, 207–214. [14 May, ref. 32725]
http://dx.doi.org/10.11646/zootaxa.3670.2.6
van Utrecht, W.L. (1988) A new eel larva, *Leptocephalus pseudomicrocephalus*, belonging to the subfamily Bathymyrinae (Anguilliformes, Congridae). *Bulletin Zoölogisch Museum, Universiteit van Amsterdam*, 11 (18), 149–152. [4 November, ref. 16288]
Vari, R.P. (1979) Anatomy, relationships and classification of the families Citharinidae and Distichodontidae (Pisces, Characoidea). *Bulletin of the British Museum (Natural History) Zoology*, 36 (5), 261–344. [29 November, ref. 5490]
Vari, R.P. (1983) Phylogenetic relationships of the families Curimatidae, Prochilodontidae, Anostomidae, and Chilodontidae (Pisces, Characiformes). *Smithsonian Contributions to Zoology*, 378, i–iii + 1–60. [3 May, ref. 5419]
http://dx.doi.org/10.5479/si.00810282.378
Vari, R.P. (1992) Redescription of *Mesopristes elongatus* (Guichenot, 1866), an endemic Malagasy fish species (Pisces, Terapontidae). *American Museum Novitates*, 3039, 1–7. [6 May, ref. 19770]
Vari, R.P. (1995) The neotropical fish family Ctenoluciidae (Teleostei, Ostariophysi, Characiformes), Supra and intrafamilial phylogenetic relationships, with a revisionary study. *Smithsonian Contributions to Zoology*, 564, i–iv + 1–97. [ref. 21840]
http://dx.doi.org/10.5479/si.00810282.564
Vari, R.P., Castro, R.M.C. & Raredon, S.J. (1995) The neotropical fish family Chilodontidae (Teleostei, Characiformes), A phylogenetic study and a revision of *Caenotropus* Günther. *Smithsonian Contributions to Zoology*, 577, i–iii + 1–32. [ref.

21817]
http://dx.doi.org/10.5479/si.00810282.577
Vari, R.P. & Hadiaty, R.K. (2012) The endemic Sulawesi fish genus *Lagusia* (Teleostei, Terapontidae). *The Raffles Bulletin of Zoology*, 60 (1), 157–162. [29 February, ref. 31811]
Vigliotta, T.R. (2008) A phylogenetic study of the African catfish family Mochokidae (Osteichthyes, Ostariophysi, Siluriformes), with a key to genera. *Proceedings of the Academy of Natural Sciences of Philadelphia*, 157, 73–136. [July, ref. 29734]
http://dx.doi.org/10.1635/0097-3157(2008)157[73:apsota]2.0.co;2
Vinnikov, A.V., Novikov, R.N. & Vinnikov, K.A. (2004) Catches of *Ucla bolini* (Hemitripteridae) in the eastern part of the Sea of Okhotsk. *Voprosy Ikhtiologii*, 44 (2), 171–175. [in Russian, English translation in *Journal of Ichthyology*, 44 (2), 140–143] [ref. 27723]
Vladykov, V.D. (1972) Sous-division en trois sous-familles des lamproies de l'hémisphère-nord de la famille Petromyzonidae. *Annales de l'Association Canadienne-Française pour l'avancement des sciences*, 39, 148 (Abstract). [ref. 33046]
von Bonde, C. (1922) The Heterosomata (flat fishes) collected by the S. S. "Pickle." *Report Fisheries and Marine Biological Survey, Union of South Africa*, 2 (1), 1–29. [ref. 520]
von Bonde, C. & Swart, D.B. (1923) The Platosomia (skates and rays) collected by the S. S. "Pickle". *Report Fisheries and Marine Biological Survey, Union of South Africa,* 3 (5), 1–22, Pls. 20–23. [25 August, ref. 522]
Vreven, E.J. & Ibala Zamba, A. (2011) *Synodontis carineae*, a new species of mochokid catfish from the Kouilou-Niari basin, Africa (Siluriformes, Mochokidae). *Ichthyological Exploration of Freshwaters*, 21 (4) [for December 2010], 359–367. [February or 29 March, ref. 31194]
Vreven, E.J. & Milondo, L. (2009) Description of *Synodontis punu*, new species (Siluriformes, Mochokidae) from the Lower Guinea ichthyofaunal province (Gabon and Republic of Congo), Africa. *Ichthyological Exploration of Freshwaters*, 20 (2), 97–104. [June, ref. 30416]
Wagner, R. (1828) Beyträge zur Kenntniß der Gattung *Lebias* Cuvier und der verwandten Gattungen, nebst Beschreibung zweyer neuen in Sardinien entdeckten Arten. *Isis (Oken)*, 21 (10), 1050–1057, Pl. 12. [each page has two consecutive page numbers] [ref. 17823]
Waite, E.R. (1899) Scientific results of the trawling expedition of H. M. C. S. "Thetis" off the coast of New South Wales, in February and March, 1898. *Memoirs of the Australian Museum, Sydney*, 4 (1), 2–132, Pls. 1–31. [23 December, ref. 4557]
Wakiya, Y. & Takahasi, N. (1937) Study on fishes of the family Salangidae. *Journal of the College of Agriculture, Imperial University Tokyo*, 14 (4), 265–296, Pls. 16–21. [second author also seen as Takahashi] (December, ref. 4571]
Walecki, A. (1864) *Materyaly do fauny ichthologicznéj Polski. II. Systematyczny przeglad ryb Krajowych*. Warszawa, pp. 34–110. [author as Waleckiego] [ref. 22969]
Waller, G.N.H. (1999) Magnetic resonance imaging study of the holotype of *Centroscymnus macracanthus* Regan, 1906 (Squaliformes, Somniosidae). *In*: Séret, B. & Sire, J.-Y. (Editors), *Proceedings of the 5th Indo-Pacific Fish Conference, Nouméa, New Caledonia*. Société Française d'Ichtyologie / Institut de recherche pour le développement, Paris, pp. 841–845. [ref. 23948]
Walsh, S.J. & Burr, B.M. (1984) Life history of the banded pygmy sunfish, *Elassoma zonatum* Jordan (Pisces, Centrarchidae), in western Kentucky. *Bulletin of the Alabama Museum of Natural History*, 8, 31–52. [ref. 27284]
Walters, V. & Fitch, J.E. (1960) The families and genera of the lampridiform (Allotriognath) suborder Trachipteroidei. *California Fish and Game*, 46 (4), 441–451. [October, ref. 4580]
Wamuini Lunkayilaki, S. & Vreven, E.J. (2008) *Nannopetersius mutambuei* (Characiformes, Alestidae), a new species from the Inkisi River basin, Democratic Republic of Congo. *Ichthyological Exploration of Freshwaters*, 19 (4), 367–376. [ref. 29978]
Warren Jr., M.L. (1992) Variation of the spotted sunfish, *Lepomis punctatus* complex (Centrarchidae), meristics, morphometrics, pigmentation and species limits. *Bulletin of the Alabama Museum of Natural History*, 12, 1–47. (26 May, ref. 21505]
Watanabe, M. (1960) *Fauna Japonica: Cottidae (Pisces)*. Biogeographical Society of Japan, Tokyo News Service Ltd., Tokyo, vii + 218 pp., 40 Pls. [some family-group names maybe date to: Watanabe, M. (1958) *Studies of Japanese cottid fishes*. Report from the Scientific Project, Department of Education, 461 pp., 124 Pls., in Japanese [30 December, ref. 21357] not seen] [ref. 11959]
Watson, R.E., Keith, P. & Marquet, G. (2007) *Akihito vanuatu*, a new genus and new species of freshwater goby (Sicydiinae) from the South Pacific. *Cybium*, 31 (3), 341–349. [ref. 29348]
Weber, M. (1913a) Süsswasserfische aus Niederländisch Süd- und Nord-Neu-Guinea. *Nova Guinea, Résultats de l'expédition scientifique Néerlandaise à la Nouvelle-Guinée, Zoologie*, 9 (4), 513–613. [also as a separate, possibly published in 1912] [ref. 4603]
Weber, M. (1913b) Neue Beiträge zur Kenntnis der Süsswasserfische von Celebes. *Bijdragen tot de Dierkunde*, 1913, 197–213. [ref. 4601]
Weber, M. & de Beaufort, L.F. (1913) *The fishes of the Indo-Australian Archipelago. II. Malacopterygii, Myctophoidea, Ostariophysi: 1 Siluroidea*. E. J. Brill, Leiden, xx + 404 pp. [ref. 16092]
http://www.biodiversitylibrary.org/item/45902
Weber, M. & de Beaufort, L.F. (1916) *The fishes of the Indo-Australian Archipelago. III. Ostariophysi: II Cyprinoidea,*

Apodes, Synbranchi. E. J. Brill, Leiden, xv + 455 pp. [ref. 4604]
http://www.biodiversitylibrary.org/item/45897
Weber, M. & de Beaufort, L.F. (1922) *The fishes of the Indo-Australian Archipelago. IV. Heteromi, Solenichthyes, Synentognathi, Percesoces, Labyrinthici, Microcyprini*. E. J. Brill, Leiden, xiii + 410 pp. [ref. 4598]
http://www.biodiversitylibrary.org/item/47186
Weber, M. & de Beaufort, L.F. (1929) *The fishes of the Indo-Australian Archipelago. V. Anacanthini, Allotriognathi, Heterostomata, Berycomorphi, Percomorphi, families Kuhliidae, Apogonidae, Plesiopidae, Pseudoplesiopidae, Priacanthidae, Centropomidae*. E. J. Brill, Leiden, xiv + 458 pp. [ref. 16063]
Weber, M. & de Beaufort, L.F. (1931) *The fishes of the Indo-Australian Archipelago. VI. Perciformes (continued)*. E. J. Brill, Leiden, vii + 448 pp. [ref. 16094]
Weber, M. & de Beaufort, L.F. (1936) *The fishes of the Indo-Australian Archipelago. VII. Perciformes (continued) families, Chaetodontidae, Toxotidae, Monodactylidae, Pempheridae, Kyphopsidae, Lutjanidae, Lobotidae, Sparidae, Nandidae, Sciaenidae, Malacanthidae, Cepolidae*. xvi + 607 pp. [ref. 4606]
Weber, M. & de Beaufort, L.F. (1951) *The fishes of the Indo-Australian Archipelago. IX. Percomorphi (concluded), Blennoidea*. E. J. Brill, Leiden, xi + 484 pp. [this volume authored by de Beaufort, L.F. in collaboration with Chapman, W.M.; see footnote on p. 243] [ref. 16097]
Weitzman, S.H. (1960) Further notes on the relationships and classification of the South American characid fishes of the subfamily Gasteropelecinae. *Stanford Ichthyological Bulletin*, 7 (4), 217–239. [ref. 9611]
Weitzman, S.H. (1966) Review of South American characid fishes of subtribe Nannostomina. *Proceedings of the United States National Museum*, 119 (3538), 1–56. [table of contents incorrectly lists publication date as 30 December 1967] [30 December, ref. 12368]
http://dx.doi.org/10.5479/si.00963801.119-3538.1
Weitzman, S.H. (1974) Osteology and evolutionary relationships of the Sternoptychidae with a new classification of stomiatoid families. *Bulletin of the American Museum of Natural History*, 153 (3), 327–478. [26 July, ref. 5174]
Weitzman, S.H. & Menezes, N.A. (1998) Relationships of the tribes and genera of the Glandulocaudinae (Ostariophysi: Characiformes: Characidae) with a description of a new genus, *Chrysobrycon*. *In:* Malabarba, L.R., Reis, R.E., Vari, R.P., Lucena, Z.M.S. & Lucena, C.A.S. (Editors), *Phylogeny and classification of Neotropical fishes*. EDIPURS, Porto Alegre, pp. 171–192. [ref. 23843]
Wheeler, A. (1990) Family-group names in fishes: grammatical nicety or pragmatism? A plea for stability. *Bulletin of Zoological Nomenclature*, 47 (2), 97–100. [June, ref. 33117]
White, B.N. (1985) Evolutionary relationships of the Atherinopsinae (Pisces: Atherinidae). *Contributions in Science (Los Angeles)*, 368, 1–20. [15 November, ref. 13551]
White, E.G. (1936a) A classification and phylogeny of the elasmobranch fishes. *American Museum Novitates*, 837, 1–16. [ref. 31933]
http://digitallibrary.amnh.org/dspace/handle/2246/4163
White, E.G. (1936b) Some transitional elasmobranchs connecting the Catuloidea with the Carcharinoidea. *American Museum Novitates*, 879, 1–21. [6 October, ref. 32585]
http://digitallibrary.amnh.org/dspace/handle/2246/4154
White, E.G. (1937) Interrelationships of the elasmobranchs with a key to the order Galea. *Bulletin of the American Museum of Natural History*, 74 (2), 25–138. [ref. 26324]
http://digitallibrary.amnh.org/dspace/handle/2246/369
White, W.T. (2012) A redescription of *Carcharhinus dussumieri* and *C. seali*, with resurrection of *C. coatesi* and *C. tjutjot* as valid species (Chondrichthyes, Carcharhinidae). *Zootaxa*, 3241, 1–34. [21 March, ref. 31843]
White, W.T. & Last, P.R. (2012) *Paracaesio brevidentata* n. sp., a new snapper (Lutjanidae, Apsilinae) from Indonesia. *Zootaxa*, 3418, 51–60. [10 August, ref. 32118]
Whitehead, P.J.P. (1962) The Pantanodontinae, edentulous toothcarps from East Africa. *Bulletin of the British Museum (Natural History) Zoology*, 9 (3), 105–137. [13 November, ref. 32212]
Whitehead, P.J.P. (1990) Elopidae, Megalopidae, Albulidae, Pterothrissidae. *In*: Quéro, J.-C., Hureau, J.-C, Karrer, C., Post, A. & Saldanha, L. (Editors), *Check-list of the fishes of the eastern tropical Atlantic (CLOFETA), volume 1*. UNESCO, Paris, pp. 118–125. [ref. 19325]
Whitehead, P.J.P., Bauchot, M.-L., Hureau, J.-C., Nielsen, J.G. & Tortonese, E. (1984) *Fishes of the North-eastern Atlantic and the Mediterranean*, *Volume 1*. UNESCO, Paris, 510 pp. [ref. 13675]
Whitehead, P.J.P., Bauchot, M.-L., Hureau, J.-C., Nielsen, J.G. & Tortonese, E. (1986a) *Fishes of the North-eastern Atlantic and the Mediterranean*, *Volume II*. UNESCO, Paris, 517–1007 pp. [ref. 13676]
Whitehead, P.J.P., Bauchot, M.-L., Hureau, J.-C., Nielsen, J.G. & Tortonese, E. (1986b) *Fishes of the North-eastern Atlantic and the Mediterranean*, *Volume III*. UNESCO, Paris, 1015–1473 pp. [ref. 13677]
Whitehead, P.J.P., Nelson, G.J. & Wongratana, T. (1988) *FAO species catalogue volume 7, Clupeoid fishes of the world (Suborder Clupeoidei). An annotated and illustrated catalogue of the herrings, sardines, pilchards, sprats, anchovies and wolf-herrings. Part 2. Engraulididae*. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, FAO, Rome, 305–579 pp. [ref. 5725]
Whitley, G.P. (1928) Fishes from the Great Barrier Reef collected by Mr. Melbourne Ward. *Records of the Australian Museum*,

16 (6), 294–304. [11 June, ref. 4663]
http://dx.doi.org/10.3853/j.0067-1975.16.1928.791
Whitley, G.P. (1929a) Studies in ichthyology. No. 3. *Records of the Australian Museum*, 17(3), 101–143, Pls. 30–34. [27 June, ref. 4665]
http://dx.doi.org/10.3853/j.0067-1975.17.1929.757
Whitley, G.P. (1929b) Some fishes of the order Amphiprioniformes. *Memoirs of the Queensland Museum*, 9 (3), 207–246, Pls. 27–28. [29 June, ref. 4666]
Whitley, G.P. (1930a) Additions to the check-list of the fishes of New South Wales, No. 3. *Australian Zoologist*, 6 (2), 117–123, Pl. 14. [14 January, ref. 4669]
Whitley, G.P. (1930b) Ichthyological miscellanea. *Memoirs of the Queensland Museum*, 10 (1), 8–31, Pl. 1. [28 August, ref. 4671]
Whitley, G.P. (1931a) New names for Australian fishes. *Australian Zoologist*, 6 (4), 310–334, Pls. 25–27. [13 February, ref. 4672]
Whitley, G.P. (1931b) Studies in ichthyology. No. 4. *Records of the Australian Museum*, 18 (3), 96–133, Pls. 9–16. [25 March, ref. 4673]
http://dx.doi.org/10.3853/j.0067-1975.18.1931.720
Whitley, G.P. (1931c) Studies in ichthyology. No. 5. *Records of the Australian Museum*, 18 (4), 138–160, Pls. 20–21. [29 June, ref. 16345]
http://dx.doi.org/10.3853/j.0067-1975.18.1931.722
Whitley, G.P. (1932a) Some fishes of the family Leiognathidae. *Memoirs of the Queensland Museum*, 10 (2), 99–116. [30 March, ref. 4675]
Whitley, G.P. (1932b) Studies in ichthyology. No. 6. *Records of the Australian Museum*, 18 (6), 321–348, Pls. 36–39. [20 April, ref. 4674]
http://dx.doi.org/10.3853/j.0067-1975.18.1932.737
Whitley, G.P. (1932c) The lancelets and lampreys of Australia. *Australian Zoologist*, 7 (3), 256–264, Pl. 13. [15 September, ref. 17971]
Whitley, G.P. (1933) Studies in ichthyology. No. 7. *Records of the Australian Museum*, 19 (1), 60–112, Pls. 11–15. [2 August, ref. 4677]
http://dx.doi.org/10.3853/j.0067-1975.19.1933.691
Whitley, G.P. (1934) Notes on some Australian sharks. *Memoirs of the Queensland Museum*, 10 (4), 180–200, Pls. 27–29. [30 June, ref. 4949]
Whitley, G.P. (1935a) Studies in ichthyology. No. 9. *Records of the Australian Museum*, 19 (4), 215–250, Pl. 18. [19 September, ref. 4683]
http://dx.doi.org/10.3853/j.0067-1975.19.1935.700
Whitley, G.P. (1935b) Fishes from Princess Charlotte Bay, North Queensland. *Records of the South Australian Museum (Adelaide)*, 5 (3), 345–365. [30 September, ref. 4684]
Whitley, G.P. (1936a) A new species of lantern fish from New Zealand, with remarks on the genus *Serpa* (family Myctophidae). *Australian Zoologist*, 8 (3), 160–163. [29 June, ref. 13756]
Whitley, G.P. (1936b) The Australian devil ray, *Daemomanta alfredi* (Krefft), with remarks on the superfamily Mobuloidea (order Batoidei). *Australian Zoologist*, 8 (3), 164–188, Pl. 12. [29 June, ref. 6075]
Whitley, G.P. (1937a) Studies in ichthyology. No. 10. *Records of the Australian Museum*, 20 (1), 3–24, Pl. 2. [15 May, ref. 4691]
http://dx.doi.org/10.3853/j.0067-1975.20.1937.563
Whitley, G.P. (1937b) Further ichthyological miscellanea. *Memoirs of the Queensland Museum*, 11 (2), 113–148, Pls. 11–13. [24 June, ref. 4689]
Whitley, G.P. (1939) Taxonomic notes on sharks and rays. *Australian Zoologist*, 9 (3), 227–262. [12 December, ref. 4695]
Whitley, G.P. (1940a) *The fishes of Australia. Part I. The sharks, rays, devil-fish, and other primitive fishes of Australia and New Zealand*. Zoological Handbook, Royal Society of New South Wales, 280 pp. [20 July, ref. 4700]
Whitley, G.P. (1940b) Illustrations of some Australian fishes. *Australian Zoologist*, 9 (4), 397–428, Pls. 30–31. [9 December, ref. 4699]
Whitley, G.P. (1941) Ichthyological notes and illustrations. *Australian Zoologist*, 10 (1), 1–50, Pls. 1–2. [19 December, ref. 4701]
Whitley, G.P. (1943a) Ichthyological notes and illustrations, Part 2. *Australian Zoologist*, 10 (2), 167–187. [30 April, ref. 4703]
Whitley, G.P. (1943b) Ichthyological descriptions and notes. *Proceedings of the Linnean Society of New South Wales*, 68 (3/4), 114–144. [15 September, ref. 4702]
Whitley, G.P. (1945) New sharks and fishes from Western Australia, Part 2. *Australian Zoologist*, 11 (1), 1–42, Pl. 1. [11 June, ref. 4707]
Whitley, G.P. (1947) New sharks and fishes from Western Australia, Part 3. *Australian Zoologist*, 11 (2), 129–150, Pl. 11. [20 June, ref. 4708]
Whitley, G.P. (1948a) Studies in ichthyology. No. 13. *Records of the Australian Museum*, 22 (1), 70–94. [30 June, ref. 4710]
http://dx.doi.org/10.3853/j.0067-1975.22.1948.592

Whitley, G.P. (1948b) A list of the fishes of Western Australia. *Western Australian Fisheries Bulletin*, 2, 1–35. [31 December, ref. 17984]
Whitley, G.P. (1950) Clingfishes. *Australian Museum Magazine*, 10 (4), 124–128. [ref. 31944]
Whitley, G.P. (1951a) New fish names and records. *Proceedings of the Royal Zoological Society of New South Wales*, for 1949–50: 61–68. [2 April, ref. 4711]
Whitley, G.P. (1951b) Studies in ichthyology. No. 15. *Records of the Australian Museum*, 22 (4), 389–408. [3 August, ref. 4715] http://dx.doi.org/10.3853/j.0067-1975.22.1951.616
Whitley, G.P. (1952) Figures of some Australian fish types. *Proceedings of the Royal Zoological Society of New South Wales*, for 1951–52, 23–31. [5 November, ref. 4717]
Whitley, G.P. (1954a) More new fish names and records. *Australian Zoologist*, 12 (1), 57–62, Pl. 3. [24 March, ref. 4720]
Whitley, G.P. (1954b) New locality records for some Australian fishes. *Proceedings of the Royal Zoological Society of New South Wales*, (for 1952–53), 23–30. [24 May, ref. 4721]
Whitley, G.P. (1955a) Taxonomic notes on fishes. *Proceedings of the Royal Zoological Society of New South Wales*, (for 1953–54), 44–57. [4 March, ref. 4724]
Whitley, G.P. (1955b) Sidelights on New Zealand ichthyology. *Australian Zoologist*, 12 (2), 110–119, Pl. 6. [18 July, ref. 4722]
Whitley, G.P. (1956) Ichthyological notes. *Australian Zoologist*, 12 (3), 251–261. [29 August, ref. 4725]
Whitley, G.P. (1957) Ichthyological illustrations. *Proceedings of the Royal Zoological Society of New South Wales*, (for 1955–56), 56–71. [8 May, ref. 4727]
Whitley, G.P. (1958) Descriptions and records of fishes. *Proceedings of the Royal Zoological Society of New South Wales*, (for 1956–57), 28–51. [27 June, ref. 4728]
Whitley, G.P. (1959) Ichthyological snippets. *Australian Zoologist*, 12 (4), 310–323. [10 February, ref. 4729]
Whitley, G.P. (1961) New records of fishes from eastern Australia. *Proceedings of the Royal Zoological Society of New South Wales*, (for 1958–59), 66–68. [ref. 9391]
Whitley, G.P. (1968) A check-list of the fishes recorded from the New Zealand region. *Australian Zoologist*, 15 (1), 1–102. [12 August, ref. 22198]
Whitley, G.P. (1970) Ichthyological quiddities. *Australian Zoologist*, 15 (3), 242–247, Pl. 12. [ref. 6601]
Whitley, G.P. (1976) More fish genera scrutinized. *Australian Zoologist*, 19 (1), 45–50. [September, ref. 4735]
Whitley, G.P. & Allan, J. (1958) *The sea-horse and its relatives*. Georgian House, Melbourne, ix + 84 pp., frontispiece. [ref. 21838]
Whitley, G.P. & Colefax, A.N. (1938) Fishes from Nauru, Gilbert Islands, Oceania. *Proceedings of the Linnean Society of New South Wales*, 63 (3/4), 282–304, Pl. 14. [15 September, ref. 4736]
Whitley, G.P. & Phillipps, W.J. (1939) Descriptive notes on some New Zealand fishes. *Transactions and Proceedings of the Royal Society of New Zealand*, 69 (2), 228–236, 2 pls. [September, ref. 4737]
Wildekamp, R.H. (1977) Beschreibung von zwei neuen Leuchtaugenfischen aus Tansania (Cyprinodontidae. Procatopodinae. *Aplocheilichthys*). *Der Aquarienfreund*, 6 (6), 103–116. [June, ref. 8769]
Wilimovsky, N.J. (1951) The correct generic and family name of the deepsea hatchetfishes (*Sternoptyx* and Sternoptychidae). *Copeia,* 1951 (3), 247–248. [31 August, ref. 33066] http://dx.doi.org/10.2307/1439111
Williams, J.D. & Burgess, G.H. (1999) A new species of bass, *Micropterus cataractae* (Teleostei, Centrarchidae), from the Apalachicola River basin in Alabama, Florida, and Georgia. *Bulletin of the Florida Museum of Natural History*, 42 (2), 80–114. [8 October, ref. 24029]
Williams, J.T. (1983) Synopsis of the pearlfish subfamily Pyramodontinae (Pisces, Carapidae). *Bulletin of Marine Science*, 33 (4), 846–854. [ref. 5367]
Williams, J.T. (1984) Studies on *Echiodon* (Pisces, Carapidae), with description of two new Indo-Pacific species. *Copeia*, 1984 (2), 410–422. [1 May, ref. 6813] http://dx.doi.org/10.2307/1445199
Williams, J.T., Delrieu-Trottin, E. & Planes, S. (2013) Two new fish species of the subfamily Anthiinae (Perciformes, Serranidae) from the Marquesas. *Zootaxa*, 3647 (1), 167–180. [8 May, ref. 32703] http://dx.doi.org/10.11646/zootaxa.3647.1.8
Williams, J.T. & Machida, Y. (1992) *Echiodon anchipterus*, a valid western Pacific species of the pearlfish family Carapidae with comments on *Eurypleuron*. *Japanese Journal of Ichthyology*, 38 (4), 367–373. [29 February, ref. 18993]
Williams, J.T. & Mounts, J.H. (2003) Descriptions of six new Caribbean fish species in the genus *Starksia* (Labrisomidae). *aqua, Journal of Ichthyology and Aquatic Biology*, 6 (4), 145–164. [ref. 26947]
Winterbottom, R. (1993) Myological evidence for the phylogeny of Recent genera of surgeonfishes (Percomorpha, Acanthuridae), with comments on the Acanthuroidei. *Copeia*, 1993 (1), 21–39. [11 February, ref. 20307] http://dx.doi.org/10.2307/1446292
Winterbottom, R. & Tyler, J.C. (1983) Phylogenetic relationships of aracanin genera of boxfishes (Ostraciidae: Tetraodontiformes). *Copeia,* 1983 (4), 902–917. [14 December, ref. 5320] http://dx.doi.org/10.2307/1445092
Wisner, R.L. (1963) A new genus and species of myctophid fish from the south-central Pacific Ocean, with notes on related genera and the designation of a new tribe, Electronini. *Copeia,* 1963 (1), 24–28. [30 March, ref. 4759]

http://dx.doi.org/10.2307/1441270
Wisner, R.L. (1976) The taxonomy and distribution of lanternfishes (family Myctophidae) in the eastern Pacific Ocean. *NORDA (Navy Ocean Research and Development Activity) Report, Bay St. Louis, Mississippi*, 3, i–vii + 1–229. [ref. 19273]
http://dx.doi.org/10.5962/bhl.title.4025
Wisner, R.L. (1999) Descriptions of two new subfamilies and a new genus of hagfishes (Cyclostomata, Myxinidae). *Zoological Studies*, 38 (3), 307–313. [July, ref. 24160]
Wright, J.J. & Page, L.M. (2008) A new species of *Synodontis* (Siluriformes, Mochokidae) from tributaries of the Kasai River in northern Angola. *Copeia*, 2008 (2), 294–300. [ref. 29628]
http://dx.doi.org/10.1643/ci-07-040
Wu, H.-L. & Zhong, J.-S. (Editors) (2008) *Fauna Sinica. Osteichthyes. Perciformes (V), Gobioidei*. Science Press, Beijing, xxi + 951 pp., 16 Pls. [in Chinese, English summary]
Wu, H.-W. (1964) *The cyprinid fishes of China, volume 1*. Science Press, Shanghai, 228 pp. [in Chinese, chapters with different authorships] [August, ref. 4806]
Wu, Y.-F. (1987) On the present status of cyprinid fish studies in China. *In*: Kullander, S.O. & Fernholm, B. (Editors), *Proceedings Fifth Congress European Ichthyologists (1985)*. Stockholm, pp. 43–47. [May, ref. 12822]
Yang, L., Arunachalam, M., Sado, T., Levin, B.A., Golubtsov, A.S., Freyhof, J., Friel, J.P., Chen, W.-J., Hirt, M.V., Manickam, R., Agnew, M.K., Simons, A.M., Saitoh, K., Miya, M., Mayden, R.L. & He, S. (2012a) Molecular phylogeny of the cyprinid tribe Labeonini (Teleostei: Cypriniformes). *Molecular Phylogenetics and Evolution*, 65 (2), 362–379. (November)
http://dx.doi.org/10.1016/j.ympev.2012.06.007
Yang, L., Hirt, M.V., Sado, T., Arunachalam, M., Manickam, R., Tang, K.L., Simons, A.M., Wu, H.-H., Mayden, R.L. & Miya, M. (2012b) Phylogenetic placements of the barbin genera *Discherodontus*, *Chagunius*, and *Hypselobarbus* in the subfamily Cyprininae (Teleostei, Cypriniformes) and their relationships with other barbins. *Zootaxa*, 3586, 26–40. [14 December, ref. 32362]
Yang, L. & Mayden, R.L. (2010) Phylogenetic relationships, subdivision, and biogeography of the cyprinid tribe Labeonini (*sensu* Rainboth, 1991) (Teleostei: Cypriniformes), with comments on the implications of lips and associated structures in the labeonin classification. *Molecular Phylogenetics and Evolution*, 54, 254–265.
http://dx.doi.org/10.1016/j.ympev.2009.09.027
Yano, K. & Matsuura, K. (2002) A review of the genus *Oxynotus* (Squaliformes, Oxynotidae). *Bulletin of the National Science Museum (Tokyo)*, 28 (2), 109–117. [ref. 26346]
Yano, K., Stevens, J.D. & Compagno, L.J.V. (2004) A review of the systematics of the sleeper shark genus *Somniosus* with redescriptions of *Somniosus (Somniosus) antarcticus* and *Somniosus (Rhinoscymnus) longus* (Squaliformes, Somniosidae). *Ichthyological Research*, 51 (4), 360–373. [ref. 28078]
http://dx.doi.org/10.1007/s10228-004-0244-4
Yatsu, A. (1986) (30 May) Phylogeny and zoogeography of the subfamilies Xiphisterinae and Cebidichthyinae (Blennioidei, Stichaeidae). *In:* Uyeno, T., Hakubutsukan, T.K., Hakubutsukan, K.K. & Gakkai, N.G. (Editors), *Indo-Pacific fish biology, proceedings of the Second International Conference on Indo-Pacific Fishes, conducted at the Tokyo National Museum Ueno Park, Tokyo, July 29 – August 3, 1985*. Ichthyological Society of Japan, pp. 663–678. [ref. 5150]
Yazdani, G.M. (1976) A new family of mastacembeloid fish from India. *Journal of the Bombay Natural History Society*, 73 (1), 166–170. [22 December, ref. 17201]
Yuan, L.-Y. & Zhang, E. (2010) Morphological variation in *Acrossocheilus hemispinus* (Teleostei, Cyprinidae, Barbinae), with comments on its taxonomic status. *Zootaxa*, 2684, 45–56. [23 November, ref. 31052]
Yue, P.-Q. (Chief Editor) (2000) *Fauna Sinica. Osteichthyes. Cypriniformes III*. Science Press, Beijing, v + 661 pp. [in Chinese, English summary; subfamilies are authored/editored by several authors] [ref. 25272]
Zahuranec, B.J. (2000) Zoogeography and systematics of the lanternfishes of the genus *Nannobrachium* (Myctophidae, Lampanyctini). *Smithsonian Contributions to Zoology*, 607, i–iii + 1–69. [ref. 24618]
http://dx.doi.org/10.5479/si.00810282.607
Zarske, A. (2010) Der Kolibrisalmler *Trochilocharax ornatus* gen. et spec. nov., ein neuer Salmler aus Peru (Teleostei: Characiformes: Characidae). *Vertebrate Zoology*, 60 (2), 75–98. [16 August, ref. 30919]
Zarske, A. (2011) Das Typusmaterial der Characiformes des Museums für Naturkunde zu Berlin. Teil 1 (3) Einleitung und afrikanische Taxa (Teleostei, Ostariophysi, Characiformes, Hepsetidae, Alestidae, Citharinidae, Distichodontidae). *Vertebrate Zoology*, 61 (1), 47–89. [15 June, ref. 31375]
Zehren, S.J. (1979) The comparative osteology and phylogeny of the Beryciformes (Pisces, Teleostei). *Evolutionary Monographs*, 1, 1–389. [November, ref. 14197]
Zengeya, T.A., Decru, E. & Vreven, E.J. (2011) Revalidation of *Hepsetus cuvieri* (Castelnau, 1861) (Characiformes, Hepsetidae) from the Quanza, Zambezi and southern part of the Congo ichthyofauna provinces. *Journal of Natural History*, 45 (27/28), 1723–1744. [12 May, ref. 32575]
http://dx.doi.org/10.1080/00222933.2011.560724
Zhang, C.-G., Tang, W.-Q., Liu, D., Zhang, Z.-L. & Zhang, S.-Y. (2010) *Fauna Sinica. Osteichthyes. Anguilliformes, Notacanthiformes*. Science Press, Beijing, x + 453 pp. [in Chinese, English summary] [ref. 31511]

Zhang, E & Chen, Y.-Y. (2004) *Qianlabeo striatus*, a new genus and species of Labeoninae from Guizhou Province, China (Teleostei, Cyprinidae). *Hydrobiologia*, 527 (1), 25–33. [ref. 27930]
http://dx.doi.org/10.1023/b:hydr.0000043315.64357.da

Zhang, E & Kottelat, M. (2006) *Akrokolioplax*, a new genus of Southeast Asian labeonine fishes (Teleostei, Cyprinidae). *Zootaxa*, 1225, 21–30. [Author's first name E with no period] [ref. 28711]

Zhang, E, Qiang, X. & Lan, J.-H. (2008) Description of a new genus and two new species of labeonine fishes from South China (Teleostei, Cyprinidae). *Zootaxa*, 1682, 33–44. [16 January, ref. 29452]

Zhang, S.-Y. (2001) *Fauna Sinica. Osteichthyes. Acipenseriformes, Elopiformes, Clupeiformes, Gonorhynchiformes*. Science Press, Beijing, vii + 209 pp. [in Chinese, English summary]

Zhang, Y.-L. & Qiao, X.-G. (1994) Study on phylogeny and zoogeography of fishes o[ref. 26586] f the family Salangidae. *Acta Zoologica Taiwanica*, 5 (2), 95–113. [ref. 18971]

Zheng, L.-P., Yang, J.-X., Chen, X.-Y. & Wang, W.-Y. (2010) Phylogenetic relationships of the Chinese Labeoninae (Teleostei, Cypriniformes) derived from two nuclear and three mitochondrial genes. *Zoologica Scripta*, 39 (6), 559–571. [November, ref. 30961]
http://dx.doi.org/10.1111/j.1463-6409.2010.00441.x

Zhu, D.-G., Zhu, Y. & Lan, J.-H. (2011) Description of a new species of Barbinae, *Sinocyclocheilus huangtianensis* from China (Teleostei, Cyprinidae). *Zoological Research*, 32 (2), 204–207. [in Chinese, English abstract] [April, ref. 31277]

Zhu, Y., Zhang, E., Zhang, M. & Han, Y.-Q. (2011) *Cophecheilus bamen*, a new genus and species of labeonine fishes (Teleostei, Cyprinidae) from South China. *Zootaxa*, 2881, 39–50. [17 May, ref. 31305]

Zugmayer, E. (1911) Poissons provenant des campagnes du yacht *Princesse-Alice* (1901–1910). *Résultats des campagnes scientifiques accomplies sur son yacht par Albert 1er Monaco*, 35, 1–174. [30 December, ref. 4846]
http://dx.doi.org/10.5962/bhl.title.55724

Index to the family-group names

A

C

O

P