Fish types deposited in the Department of Zoology, The University Museum, The University of Tokyo – Part 6: Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes

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Abstract

The current status of type specimens of Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes in the ZUMT collection were investigated with recourse to original descriptions, information tags on specimens, and/or the ZUMT specimen ledger. Of the 44 holotypes, 401 syntypes, one lectotype, 246 paratypes and 3 paralectotypes purported to be in the collection and applicable to 64 species in 13 families, only 32 holotypes, 394 syntypes, one lectotype, 225 paratypes and 3 paralectotypes have been located to date.

Introduction

The current designation and status of type specimens in the fish collection, preserved in the Department of Zoology, The University Museum, The University of Tokyo (ZUMT) collection is now under review. The present list is a summary of type specimens of Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes currently held.

本研究では，東京大学総合研究博物館動物学部門（ZUMT）に所蔵されるタイプ標本の現状について整理するとともに，タイプ指定に関する議論もおこなった．本リストは，ZUMT に所蔵されるタイプ標本のうちハゼ亜目，サバ亜目，カジキ亜目，タイワンドジョウ亜目，カレイ目，フグ目の魚類についてまとめたものである．

Materials and Methods

The first author confirmed that the type specimen is in the Department of Zoology, the University of Tokyo Museum (ZUMT). We report on Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes of fishes. Specimens marked as "available" in this type list are kept in room 407 of the museum. The ZUMT collection also includes a variety of personal specimens acquired by the late Dr. Tokiharu Abe, such being identifiable in the first instance by an underlined number on the specimen tag. These specimens from the Abe collection are not registered in ZUMT. The specimen will be managed as ZUMT ABE○○○○ in the ZUMT collection.

The systematic arrangement of families generally follows Nelson (2006), with species arranged in alphabetical order by species name. The present list includes all the available information pertinent to the ZUMT specimens, including that taken from the ZUMT specimen ledger and/or tags on the specimens.

Information from original description: scientific name, publication, Japanese name in the original description.
Current status on types: available or lost.
Information on type specimens: ZUMT catalog number (number of specimens when more than two), field number or previous catalog number if available, sex, preservation status (stuffed or skin only indicated), collection locality, collection date, collector or donator, collection method, typographical error.

Remarks: Authority for determining type status, correction of previously published erroneous information, and newly determined information from specimen registers and tags.
Current status of species: synonyms, current scientific name and standard Japanese name.
Reference: publications cited in remarks or basis for current status. Listed for each species.

第一著者により，東京大学総合研究博物館動物学部門（ZUMT）に所蔵するタイプ標本が確認されたハゼ亜目，サバ亜目，カジキ亜目，タイワンドジョウ亜目，カレイ目，フグ目魚類を報告する．本タイプリストにおいて「available」と示した標本は博物館の 407 号室に保管されている．ZUMT コレクションには，故阿部宗明博士の個人標本が混在しており，これらは基本的に標本タグに書かれた番号に下線が付されていることで識別可能である．これら阿部氏の標本は，ZUMT コレクションに登録されていない．標本は ZUMT ABE ○○○○と扱い ZUMT コレクションと同様に，管理されている．

科の体系的な順番は，主に Nelson (2006)に従い，種については学名のアルファベット順に示した．本リストでは，ZUMT 標本に基づき（あるいは基づいたと想定される）記載されたハゼ亜目，サバ亜目，カジキ亜目，タイワンドジョウ亜目，カレイ目，フグ目魚類に関する以下の情報を可能な限り示した．また ZUMT 標本台帳や標本のタグから読み取れる情報についても含めた．

原記載の情報：学名，記載された出版物，記載時に与えられた和名．
タイプ標本の確認状況：確認または未確認．
タイプ標本の情報：ZUMT 番号（複数の場合は標本数），フィールド番号または寄贈前の他機関登録番号，性別，保存状態（剥製または皮膚のみの場合に記載），採集場所，採集年月日，採集者または寄贈者，採集方法など．標本台帳から読み取れる新たな情報についても可能な限り記した．
備考：該当標本をタイプと判断した根拠，ZUMT のタイプ標本が誤って引用された情報，本研究で新たに確認された標本台帳やタグに関する情報，入力ミスなどについて必要に応じて記した．
種の現状：シノニム関係および適用されている学名と標準和名．
引用文献：備考または現状の根拠として引用された出版物や報告論文を種ごとに示した．

Type specimens of Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes in ZUMT

Based on the original descriptions, tags on the specimens, and the ZUMT specimen ledger, type specimens of 64 species of Gobioidei, Scombroidei, Xiphioidei, Channoidei, Pleuronectiformes and Tetraodontiformes in 13 families, including 44 holotypes, 401 syntypes, 1 lectotypes, 246 paratypes, and 3 paralectotypes, were purported to be in the ZUMT collection. 32 holotypes, 394 syntypes, 1 lectotype, 225 paratypes, and 3 paralectotypes, have been confirmed as “available” to date.

原記載，標本のタグおよび ZUMT 台帳の情報などから ZUMT コレクションに所蔵されるハゼ亜目，サバ亜目，カジキ亜目，タイワンドジョウ亜目，カレイ目，フグ目標本には 13 科 64 種のタイプ標本が登録されていることが明らかになった．その内訳は，ホロタイプ 44 標本，シンタイプ 401 標本，レクトタイプ 1 標本，パラタイプ 246 標本，パラレクトタイプ 3 標本である．これらのうち現在，ZUMT に所蔵確認できたものは，ホロタイプ 32 標本，シンタイプ 394 標本，レクトタイプ 1 標本，パラタイプ 225 標本，パラレクトタイプ 3 標本である．

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We are deeply grateful to the late Y. Tominaga for his dedication and efforts to the ZUMT collection. We would also like to thank Daichi Oyama of the University of Tokyo for his assistance in organizing and searching for specimens. We would like to thank Dr. Tomio Iwamoto, Mr. Dave Catania (California Academy of Sciences, San Francisco, California), and Mr. Caleb McMahan (Division of Fishes, Department of Zoology, Field Museum of Natural History, Chicago) for providing the ZUMT specimen number of the type specimen of *Tridentiger kuroiwae*.

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ZUMT コレクションに多大な貢献をされた故富永義昭氏に深く感謝する．また，東京大学の尾山大

知氏には標本の整理，探索にご協力いただいた．*Tridentiger kuroiwae* のタイプ標本の ZUMT 標本番号を調査していただいた Dr. Tomio Iwamoto, Mr. Dave Catania (California Academy of Sciences, San Francisco, California)， Mr. Caleb McMahan (Division of Fishes, Department of Zoology, Field Museum of Natural History, Chicago)に感謝する．
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Gobioidei　ハゼ亜目
Eleotridae　カワアナゴ科
Eleotris fortis Tanaka, 1912　オカメハゼ

Original description: Tanaka (1912): 106, pl. 27 (figs. 108–109), 28 (fig. 113).
田中茂穂．1912．日本産魚類図説，6: 87–108, pls. 26–30. [Tanaka, S. 1912. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 6: 87–108, pls. 26–30. (In Japanese and English)]

Holotype (lost): ZUMT 2499, Tamsui Pier, Taihoku, Taiwan; 18 Mar. 1908; collected by Kunitaro Akamatsu

Remarks: There is no holotype designation in the original description. ZUMT 2499 is the only specimen whose scientific name and collected data match from the records in the ZUMT specimen ledger. ZUMT 2499 is the holotype. Unfortunately, the specimen has not been located at this time, and was judged to have been lost.
原記載にはホロタイプの指定がない．ZUMT 2499 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 2499 はホロタイプである（ICZN Art. 73.1.2）．残念ながら，現時点でこの標本は確認できないため，失われたと判断した．

Current status: Synonym of *Eleotris melanosoma* Bleeker, 1853　オカメハゼ
明仁親王．1967．日本産魚類カワアナゴ属の 4 種について．魚類学雑誌，14 (4–6): 135–166. [Prince Akihito. 1967. On four species of the gobiid fishes of the genus *Eleotris* found in Japan. Japanese Journal of Ichthyology, 14 (4–6): 135–166. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1) (art. 5): 37–112.

Ophiocara gracilis Tanaka, 1909

Original description: Tanaka (1909): 19.
Tanaka, S. 1909. Descriptions of one new genus and ten new species of Japanese fishes. Journal of the College of Science. Imperial University, Tokyo 27 (8): 1–27, pl. 1.

Holotype (available, poor condition): ZUMT 173**7** (male), Yaeyama Island, Okinawa Pref., Japan; donated by Gintaro Ogawa［沖縄県八重山諸島，小川銀太郎寄贈（沖縄尋常師範学校校長）］
Paratypes (lost): ZUMT 2152 (3), same as holotype

Remarks: In the original description, ZUMT 1737 is designated as a type (holotype), and three paratype specimens are a type series. From the records in the ZUMT specimen ledger, the scientific name and collected

data of ZUMT 2152 matched. The paratype ZUMT 2152 has not been located at this time, and was judged to have been lost.

原記載は ZUMT 1737 をホロタイプに指定し，パラタイプとなる 3 標本がタイプシリーズである．ZUMT 標本台帳の記録から ZUMT 2152 が学名と収集データが一致し，この標本をパラタイプとである（ICZN Art. 72.1.1）．しかし，この標本は現時点でこの標本は確認できないため，失われたと判断した．

Current status: Synonym of *Hypseleotris everetti* (Boulenger, 1895)　タナゴモドキ

江口勝久・中島　淳・西田高志・乾　隆帝・中谷裕也・鬼倉徳雄・及川　信．2008．宮崎県北川の魚類相．九州大学大学院農学研究院学芸雑誌，63: 15–25. [Eguchi, K., J. Nakajima, T. Nishida, R. Inui, M. Nakatani, N. Onikura and S. Oikawa. 2008. Fish fauna of the Kita River in Mitazaki Pref., Japan. Science bulletin of the Faculty of Agriculture, Kyushu University, 63: 15–25. (In Japanese)]

Keith, P. and Mennesson, M. I. 2023. Revision of *Hypseleotris* (Teleostei: Eleotridae) from Indo-Pacific Islands using molecular and morphometric approaches, with description of one new species. Zoological Journal of the Linnean Society, 198 (4): 1035–1069.

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

武内啓明・朝井俊亘・内山りゅう・細谷和海．2011．近畿大学農学部所蔵の内山りゅう標本コレクション．近畿大学農学部紀要，44: 63–87. [Takeuchi, H., T. Asai, R. Uchiyama and K. Hosoya. 2011. Fish specimens of the Faculty of Agriculture, Kinki University collected by Ryu U chiyama. Memoirs of the Faculty of Agriculture of Kinki University, 44: 63–87. (In Japanese)]

Thacker, C. E. and Unmack, P. J. 2005. Phylogeny and biogeography of the eleotrid genus *Hypseleotris* (Teleostei: Gobioidei: Eleotridae), with redescription of *H. cyprinoides*. Records of the Australian Museum, 57: 1–13.

横山智洋・中江雅典．2024．静岡県から得られた北限記録のタナゴモドキ．Ichthy, Natural History of Fishes of Japan, 42: 1–4. [Yokoyama, T. and M. Nakae. 2024. Northernmost record of *Hypseleotris everetti* (Eleotridae) from Shizuoka Prefecture, Japan. Ichthy, Natural History of Fishes of Japan, 42: 1–4. (In Japanese, English abstract.)]

Odontobutidae　ドンコ科

Odontobutis obscura interrupta Iwata & Jeon, 1985　セマダラドンコ

Original description: Iwata and Jeon (1985): 380, figs. 1E–F, 5A.

Iwata, A., Jeon, S.-R., Mizuno, N. and Choi, K.-C. 1985. A revision of the eleotrid goby genus *Odontobutis* in Japan, Korea and China. Japanese Journal of Ichthyology, 31 (4): 373–388.

Paratype (available): ZUMT 54356 (1), Kum River, Pyuo-gun, Chungchongnam-do, Korea; 14 May 1967

Paratypes (available): ZUMT 54357–ZUMT 54360 (4), Ungchon River, Oesan-River, Oesanmyon, Puyo-gun, Chungchongnam-do, Korea; 21 Apr. 1981

Current status: Valid as *Odontobutis interruptus* Iwata & Jeon, 1985　セマダラドンコ

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Sakai, H., Iwata, A. and Jeon, S.-R.1993. Genetic evidence supporting the existence of three distinct species in the

genus *Odontobutis* (Gobiidae) from Japan and Korea. Japanese Journal of Ichthyology, 40 (1): 61–64.

Odontobutis platycephala Iwata & Jeon, 1985　コウライドンコ

Original description: Iwata and Jeon (1985): 383, figs. 1G–H, 5B.
Iwata, A., Jeon, S.-R., Mizuno, N. and Choi, K.-C. 1985. A revision of the eleotrid goby genus *Odontobutis* in Japan, Korea and China. Japanese Journal of Ichthyology, 31 (4): 373–388.

Paratypes (available): ZUMT 54361–ZUMT 54362 (2), Somchin River, Kyeso-ri, Maryong-myon, Chinan-gun, Chonrapuk-do (35°44'N, 127°20'E), Korea; 15 Aug. 1977
Paratypes (available): ZUMT 54363–ZUMT 54365 (3), Gum River, Simchon-myon, Okchon-gun, Chungchongnam-do, Korea; 29 Aug. 1978
Paratype (available): ZUMT 54366 (1), Wangsuk River, Changhyon-ri, Chinchopmyon, Namyangchu-gun, Kyongki-do, Korea; 1 Mar. 1980

Current status: Valid as *Odontobutis platycephalus* Iwata & Jeon, 1985　コウライドンコ
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Sakai, H., Iwata, A. and Jeon, S.-R. 1993. Genetic evidence supporting the existence of three distinct species in the genus *Odontobutis* (Gobiidae) from Japan and Korea. Japanese Journal of Ichthyology, 40 (1): 61–64.

Gobiidae　ハゼ科

Apocryptodon punctatus Tomiyama, 1934

Original description: Tomiyama (1934): 332, figs. 4–5.
Tomiyama, I. 1934. Four new species of gobies of Japan. Journal of the Faculty of Science, University of Tokyo, Section IV Zoology, 3 (3): 325–334.

Holotype (available): ZUMT 26306, Ariake Sea (Okibata or Okihata), Oinohata, Yanagawa City, Fukuoka Pref., Japan; Oct. 1931; collected by Ichiro Tomiyama（福岡県柳川市沖端町　有明海，昭和 6 年 10 月，冨山一郎採集）
Paratypes (available): ZUMT 17694–ZUMT 17696 (3), ZUMT 17700–ZUMT 17702 (3), Ariake Sea, Japan; May 1927; collected by Sahachi Koyanagi（有明海，小柳佐八採集）
Paratypes (available): ZUMT 18196 (1), ZUMT 18197 (1), Ariake Sea, Japan; Fukuoka Prefectural Fisheries Experiment Station（有明海，福岡県水産試験場）
Paratypes (available): ZUMT 26332(1), ZUMT 35137–ZUMT 35139 (3), same area as holotype, dated 28 May 1931
Paratypes (available): ZUMT 57512–ZUMT 57514 (3), same area as holotype, dated 28 May 1931

Remarks: The original description designated ZUMT26306 as the holotype. Regarding the type series, it is stated that "Described from many specimens 40–80 mm long with caudal", and the detailed number of specimens is unknown. It was also mentioned that this is the first record of *Apocryptodon* in Japan. Records of the ZUMT specimen ledger included ZUMT 26332, ZUMT 17694–ZUMT 17696, ZUMT 17700–ZUMT 17702 and ZUMT 35137–ZUMT 35139, which correspond to the genus *Apocryptodon* and the Ariake Sea. ZUMT 26332 contains 4 specimens, one specimen was retained in ZUMT 26332 and the other three were re-registered in ZUMT 57512–ZUMT 57514. These specimens are paratypes (ICZN Art. 72.4.1.1, 72.4.5).
原記載で ZUMT26306 をホロタイプに指定された．タイプシリーズについて「Described from many specimens 40–80 mm long with caudal」とあり，詳細な標本数は不明である．さらにタビラクチ属（*Apocryptodon*）の日本での初記録であることが言及された．ZUMT 標本台帳の記録には，タビラクチ

属（*Apocryptodon*）と有明海に該当する ZUMT 26332，ZUMT 17694–ZUMT 17696，ZUMT 17700–ZUMT 17702 と ZUMT 35137–ZUMT 35139 があった．ZUMT 26332 は 4 標本が含まれ，1 標本を ZUMT 26332 にのこし，他の 3 個体を ZUMT 57512–ZUMT 57514 に再登録した．これらの標本はすべてパラタイプである（ICZN Art. 72.4.1.1, 72.4.5）．

Current status: Valid as *Apocryptodon punctatus* Tomiyama, 1934　タビラクチ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

Matsui, S., Inui, R. and Kai, Y. 2014. Annotated checklist of gobioid fishes (Perciformes, Gobioidei) from Wakasa Bay, Sea of Japan. Bulletin of the Osaka Museum of Natural History, 68: 1–25, Pls. 1–4.

Murase, A., Inui, R., Miki, R. and Miyazaki, Y. 2017. Revising the distribution of a threatened goby, *Apocryptodon punctatus* (Perciformes, Oxudercidae), in Japan with the discovery of an isolated population. ZooKeys, 645: 71–83.

Murdy, E. O. 1989. A taxonomic revision and cladistic analysis of the oxudercine gobies (Gobiidae: Oxudercinae). Records of the Australian Museum Suppl. 11: 1–93.

武藤　滉･伯耆匠二･佐藤達也･河村功一．2022．三重県鳥羽市より得られた分布東限となるタビラクチの記録と 三重県における本種の生息状況．Ichthy, Natural History of Fishes of Japan, 23: 1–6. [Muto, H., Houki, S., Sato, T. and Kawamura, K. 2022. Easternmost record of an estuarine goby, *Apocryptodon punctatus* Tomiyama, 1934 (Gobiiformes: Gobiidae), from Toba, Mie Prefecture and the information of its habitat status in Mie Prefecture. Ichthy, Natural History of Fishes of Japan, 23: 1–6. (In Japanese with English abstract)]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

佐藤陽一・藍津正宏．1992．徳島県吉野川河口から採集されたタビラクチとその分布．徳島県立博物館研報，2: 43–50. [Sato, Y. and Aizawa, M.1992. Record of the gobiid fish *Apocryptodon punctatus* from the Yoshino River estuary in Tokushima Prefecture, Japan, with comments on distribution of the species. Bulletin of the Tokushima Prefectural Museum, 2: 43–50. (In Japanese with English abstract)]

鈴木寿之・和田恵次．1999．和歌山県田辺市内之浦で採集されたタビラクチ（ハゼ科）．南紀生物，41 (1): 61–63. [Suzuki, T. and Wada, K. 1999. Record of a gobiid fish, *Apocryptodon punctatus* from the Uchinoura Inlet in Wakayama Prefecture, Japan. Nanki Seibutsu, 41 (1): 61–63. (In Japanese)]

Chaenogobius cylindricus Tomiyama, 1936　キセルハゼ

Original description: Tomiyama (1936): 92, fig. 39

Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology 7 (1): 37–112.

Holotype (available): ZUMT 30389, Hiroshima Pref., Japan; collected by M. Katayama（広島県，片山正夫）

Remarks: The original description designated ZUMT 30389 as the holotype. The specimen has two cloth tags, "30389" and "type".

原記載はホロタイプに ZUMT 30389 を指定した．標本に「30389」と「type」の布タグが 2 つ付いている．

Current status: Valid as *Gymnogobius cylindricus* (Tomiyama, 1936)　キセルハゼ

荒尾一樹．2008．三河湾から得られたキセルハゼ．日本生物地理学会会報，63: 173–175. [Arao, K. 2008. Record of *Gymnogobius cylindricus* from Mikawa Bay, Aichi Prefecture. Bulletin of the Biogeographical Society of Japan, 63: 173–175. (In Japanese)]

Kim, B.-J., Song1, H.-B., An, J.-H. and Choi, S.-H. 2013. First record of *Gymnogobius cylindricus* (Perciformes: Gobiidae) from Incheon River Estuary, Jeonbuk-do, Korea. Korean Journal of Ichthyology, 25 (3): 173–177.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
鈴木寿之・増田　修．1993．兵庫県で再発見されたキセルハゼと分布上興味あるハゼ科魚類 4 種．I. O. P. Diving News, 4 (11): 2–6. [Suzuki, T. and Masuda, O. 1993. Record of the gobiid fish *Chaenogobius cylindricus* from Hyogo Prefecture, Japan, with notes on geographical distribution of four gobioid fishes. I.O.P. Diving News, 4 (11):2–6. (In Japanese with English abstract)]
鈴木寿之・吉郷英範・野元彰人・淀　真理・中島　淳・松井　誠．2006．絶滅危具種キセルハゼの形態，生息状況及び分布．日本生物地理学会会報，61: 125–134. [Suzuki, T., Yoshigo, H., Nomoto, A., Yodo, M., Nakajima, J. and Matsui, M. 2006. Morphology, habitat and distribution of the endangered goby, *Gymnogobius cylindricus* (Perciformes, Gobiidae). Bulletin of the Biogeographical Society of Japan., 61: 125–134. (In Japanese)]
Stevenson, D. E. 2002. Systematics and distribution of fishes of the Asian goby genera *Chaenogobius* and *Gymnogobius* (Osteichthyes: Perciformes: Gobiidae), with the description of a new species. Species Diversity, 7 (3): 251–312.

Chaenogobius isaza Tanaka, 1916　イサザ

Original description: Tanaka (1916): 102.
田中茂穂．1916．日本産魚類の二新種．動物学雑誌，28 (329): 102–103. [Tanaka, S. 1916. Two new species of Japanese fishes. Zoological Magazine Tokyo, 28 (329): 102–103. (In Japanese)]

Syntype (available): ZUMT 57520 (1), Lake Biwa, near Hikone, Shiga Pref., Japan; 26 Jan. 1916; collected by Shiga Prefectural Fisheries Experimental Station（滋賀県彦根附近　琵琶湖，大正 5 年 1 月 26 日，滋賀県水産試験場採集，方言イサザ）An individual with a "type" cloth tag handwritten by Tanaka.田中直筆の「type」の布タグがついていた個体
Syntypes (available): ZUMT 63213 (64), same as ZUMT 57520
Syntypes (available): LBM (Lake Biwa Museum, Kusatsu, Japan) 1210060300 (10), same as ZUMT 57520
Syntypes (available): ZUMT 1935 (11), Lake Biwa, near Oumi Funaki, Hikone, Shiga Pref., Japan; May 1898（滋賀県近江舟木　琵琶湖，明治 31 年 5 月）
Syntypes (available): ZUMT 66024 (1), same as ZUMT 1935. It was identified as *Biwia zezera* (Ishikawa 1895) by this report
Syntypes (available): LBL (Lake Biwa Museum, Kusatsu, Japan) 1210060299 (2), same as ZUMT 1935

Remarks: The original description does not designate a holotype. In the ZUMT collection, there was an unregistered lot specimen with a cloth tag written in ink that read, "Dialect 'Isaza', near Hikone, Shiga Prefecture, Shiga Prefectural Fisheries Experiment Station, collected on January 26, 1919.".

Among these unregistered specimens, there was one with a cloth tag with the word "type" handwritten by Tanaka in ink. This specimen was registered under ZUMT 57520, and the remaining 74 specimens were reregistered under ZUMT 63213 (64) and LBM (Lake Biwa Museum, Kusatsu, Japan) 1210060300 (10). Specimen ZUMT 57520 bears a "type" cloth tag, but this is not necessarily evidence that it is the holotype (ICZN Art. 72.4.7).

In the ZUMT specimen ledger, we confirmed ZUMT 1935, whose scientific name was handwritten and

corrected as ”*Chaenogobius isaza*”. The smallest individual of ZUMT 1935 was re-identified as *Biwia zezera* (Ishikawa 1895), so it was divided and registered as ZUMT66024, and the two individuals of ZUMT 1953 were separated and registered as LBM (Lake Biwa Museum, Kusatsu, Japan) 1210060299 (2). All these specimens are syntypes (ICZN Art. 72.1.1, 72.4, 73.2).

The original generic name *Chaeuogobius* is a typo of *Chaenogobius*.

原記載にはホロタイプの指定がない。ZUMT コレクションには、「方言”イサザ” 滋賀県彦根附近，滋賀県水産試験場 大正 5 年 1 月 26 日採集」と書かれた布タグが入った未登録のロット標本があった．この未登録標本の中に田中直筆の「type」と墨で書かれた布タグをつけた標本があった．この標本を ZUMT 57520 に登録し，残りの 74 標本は，ZUMT 63213 (64)と LBM(滋賀県立琵琶湖博物館：Lake Biwa Museum, Kusatsu, Japan) 1210060300 (10)に再登録した．標本 ZUMT 57520 は「type」の布タグがついていたことがホロタイプである証拠であるとは限らない（ICZN Art. 72.4.7）．

ZUMT 標本台帳には，学名を”*Chaenogobius isaza*”と手書きで訂正した ZUMT 1935 を確認した．ZUMT 1935 の最小個体はゼゼラ *Biwia zezera* (Ishikawa 1895)と再同定されたため，分割し ZUMT66024 に登録し，ZUMT1953 の 2 個体を分轄し LBM(滋賀県立琵琶湖博物館：Lake Biwa Museum, Kusatsu, Japan) 1210060299 (2)に登録した．これら全ての標本はシンタイプとなる（ICZN Art. 72.1.1, 72.4, 73.2）．

原記載の属名 *Chaeuogobius* は *Chaenogobius* の誤植。

Current status: Valid as *Gymnogobius isaza* (Tanaka, 1916) イサザ

Harada, S., Jeon, S.-R., Kinoshita, I., Tanaka, M. and Nishida, M. 2002. Phylogenetic relationships of four species of floating gobies (*Gymnogobius*) as inferred from partial mitochondrial cytochrome *b* gene sequences. Ichthyological Research, 49 (4): 324–332.

益田 一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Stevenson, D. E. 2002. Systematics and distribution of fishes of the Asian goby genera *Chaenogobius* and *Gymnogobius* (Osteichthyes: Perciformes: Gobiidae), with the description of a new species. Species Diversity, 7 (3): 251–312.

Chloea senbae Tanaka, 1916 センバハゼ

Original description: Tanaka (1916): 228.

田中茂穂．1916．日本産魚類の一新種．動物学雑誌，28 (332): 228–229. [Tanaka, S. 1916. A new Japanese fish. Zoological Magazine Tokyo, 28 (332): 228–229. (In Japanese)]

Syntypes (available): ZUMT 7085 (11), Senba-numa (Senba-ko), Mito City, Ibaraki Pref., Japan; April 1915 ［茨城県水戸市千波沼（千波湖），大正 4 年 4 月］

Syntypes (available): ZUMT 13461 (32, females), same as ZUMT 7085, dated May 1916

Syntypes (available): ZUMT 30444 (74), same locality as ZUMT 7085, dated 8 April 1915

Syntypes (available): 5 specimens, ZUMT 30445 (1, female), ZUMT 30446 (1, male), ZUMT 30447 (1, male), ZUMT 30448 (1, female), ZUMT 30452 (1, female), Hitachi Ryugasaki, (Hirahata, Ryugasaki City, Ibaragi Pref., Japan［常陸竜ヶ崎（茨城県竜ヶ崎市平畑）］

Syntypes (available): ZUMT 44609 (117), same locality as ZUMT 7085, dated April 1916

Syntypes (available): ZUMT 56016 (54), same as ZUMT 7085, dated May 1916

Syntypes (available): ZUMT 57518 (1, female), ZUMT 57519 (1, male), same as ZUMT 7085. An individual

with a "type" cloth tag handwritten by Tanaka.　田中直筆の「type」の布タグがついていた個体.

Remarks: The original description does not designated the holotype. The collection site were Senba-numa (Senba-ko) outside Mito City and Hitachi Ryugasaki and the original description was mainly based on two specimens, female and male, from Senba-numa (Senba-ko). From the records of the ZUMT specimen ledger, there were ZUMT 7085, ZUMT 13641, ZUMT 30444, ZUMT 44609 and ZUMT 56016 applicable to Mito City Senba-numa (Senba-ko), and ZUMT 30445–ZUMT 30448 and ZUMT 30452 applicable to Hitachi Ryugasaki. All these specimens are considered as syntypes (ICZN Art. 72.1.1, 72.4, 73.2). There were two specimens of male and female with the "type" cloth tag in ZUMT 7085. The female was given the registration number ZUMT 57518 and the male was given the registration number ZUMT 57519.
原記載はホロタイプの指定がない．採集地に水戸市外千波沼（千波湖）と常陸竜ヶ崎をあげ，原記載は，主に千波沼産の雌と雄の 2 標本に基づいて記載された．ZUMT 標本台帳の記録から水戸市外千波沼に該当する ZUMT 7085, ZUMT 13641, ZUMT 30444, ZUMT 44609, ZUMT 56016 と常陸竜ヶ崎に該当した ZUMT 30445–ZUMT 30448, ZUMT 30452 があった．これら全ての標本はシンタイプである（ICZN Art. 72.1.1, 72.4, 73.2）．ZUMT 7085 の中に田中直筆の「type」の布タグが付いた雌雄の 2 標本があった．この雌に ZUMT 57518，雄には ZUMT 57519 の登録番号を与えた.

Current status: Synonym of *Gymnogobius castaneus* (O'Shaughnessy, 1875)　ジュズカケハゼ

Dyldin, Yu. V. and Orlov, A. M. 2017. Ichthyofauna of fresh and brackish waters of Sakhalin Island: an annotated list with taxonomic comments: 4. Pholidae-Tetraodontidae families. Journal of Ichthyology, 57 (2): 183–218.
Dyldin, Yu. V., Fricke, R., Hanel, L., Vorobiev, D. S., Interesova, E. A., Romanov, V. I. and. Orlov, A M. 2021. Freshwater and brackish water fishes of Sakhalin Island (Russia) in inland and coastal waters: an annotated checklist with taxonomic comments. Zootaxa, 5065 (1): 1–92.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Stevenson, D. E. 2002. Systematics and distribution of fishes of the Asian goby genera *Chaenogobius* and *Gymnogobius* (Osteichthyes: Perciformes: Gobiidae), with the description of a new species. Species Diversity, 7 (3): 251–312.

Cryptocentrus oni Tomiyama, 1936　オニハゼ

Original description: Tomiyama (1936): 82, fig. 32.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Holotype (available): ZUMT 21898, Izu, Shizuoka Pref., Japan（静岡県伊豆）

Remarks: The original description designated ZUMT 21898 as the holotype. The description states that the total length of "from the tip of the nose to the trailing edge of the caudal fin" is 120 mm. However, the total length of the specimen depicted in Tomiyama (1936: fig. 32) is about 100 mm. The total length of the holotype ZUMT 21898 was measured and again was 98 mm.
原記載はホロタイプに ZUMT 21898 を指定した．記載には，「鼻先から尾鰭の後縁まで」の全長が 120 mm とある．しかし，Tomiyama (1936: fig. 32)に描かれている標本の全長は，約 100 mm である．ホロタイプ ZUMT 21898 の全長を改めて計測したところ，98 mm であった.

Current status: Valid as *Cryptocentrus oni* Tomiyama, 1936　オニハゼ

Allen, G. R., Erdmann, M. V. and Brooks, W. M. 2018. A new species of *Tomiyamichthys* shrimpgoby (Pisces: Gobiidae) from Papua New Guinea. Journal of the Ocean Science Foundation, 31: 38–46.

Hoese, D. F., Shibukawa, K. and Johnson, J. W. 2016. Description of a new species of *Tomiyamichthys* from Australia with a discussion of the generic name. Zootaxa, 4079 (5): 582–594.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984. 日本産魚類大図鑑. 東海大学出版会，東京. xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013. 日本産魚類検索全種の同定 I－III，第三版. 東海大学出版会，秦野. 2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Yanagisawa, Y. 1978. Studies on the interspecific relationship between gobiid fishes and snapping shrimp. I. Gobiid fishes associated with snapping shrimps in Japan. Publications of the Seto Marine Biological Laboratory, 24 (4/6): 269–325, pls. 1–3.

Cryptocentrus yatsui Tomiyama, 1936　ヤツハゼ

Original description: Tomiyama (1936): 81, fig. 31.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Holotype (available): ZUMT 25228, Tainan, Taiwan.
Paratypes (available): ZUMT 14896 (1), ZUMT 25229 (1), same as holotype.
Paratypes (lost): ZUMT 14894, ZUMT 14895, ZUMT 14897, ZUMT 14898 (4), same as holotype.

Remarks: In the original description, ZUMT 25228 was designated for the holotype. Further six paratypes were added and described. There were ZUMT 25229 registered serially in the holotype ZUMT 25228, and the corresponding specimen ZUMT 14894–14898 from the records in the ZUMT specimen ledger. These specimens are judged as the paratypes (ICZN Art. 72.4.1.1, 72.4.5).
原記載はホロタイプに ZUMT 25228 を指定した．さらに 6 パラタイプを加え，記載した．ホロタイプ ZUMT 25228 に連番で登録された ZUMT 25229 と，さらに ZUMT 標本台帳の記録から該当した標本 ZUMT 14894–14898 があった．これらの標本はパラタイプである（ICZN Art. 72.4.1.1, 72.4.5）.

Current status: Valid as *Cryptocentrus yatsui* Tomiyama, 1936　ヤツハゼ
Hoese, D. F. and Larson, H. K. 2004. Description of a new species of *Cryptocentrus* (Teleostei: Gobiidae) from northern Australia, with comments on the genus. The Beagle, Records of the Museums and Art Galleries of the Northern Territory, 20: 167–174.
Hoese, D. H., Shibukawa, K. and Sakaue, J. 2011. A redescription of the gobiid fish *Cryptocentrus sericus* Herre, with clarification of *Cryptocentrus leptocephalus* and *C. melanopus*. Aqua, International Journal of Ichthyology, 17 (3): 163–172.
中坊徹次（編）．2013. 日本産魚類検索全種の同定 I－III，第三版. 東海大学出版会，秦野. 2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Ctenogobius katonis Tanaka, 1908　キンカン

Original description: Tanaka (1908): 35.
Tanaka, S. 1908. Descriptions of eight new species of fishes from Japan. Annotationes Zoologicae Japonenses, 7 (1): 27–47.

Holotype (available): ZUMT 2002, Kanazawa, Ishikawa Pref., Japan; Aug. 1908; collected by K. Kato（石川県金沢，明治 41 年 8 月，加藤賢三採集）
Paratypes (available): ZUMT 57509–ZUMT 57511(3), same as holotype

Remarks: The original description designated ZUMT 2002 as the holotype. Further 3 paratypes were added and described. ZUMT 2004 is a paratype in which the scientific name and collected data match from the records in the ZUMT specimen ledger. Three individuals of ZUMT 2004 were registered in ZUMT 57509 to ZUMT 57511 of the ZUMT collection. The holotype ZUMT 2002 has two cloth tags, "2002" and "type".
原記載はホロタイプに ZUMT 2002 を指定した．さらに 3 パラタイプを加え，記載した．ZUMT 2004 は，ZUMT 標本台帳の記録から学名と採集データが一致したパラタイプである．ZUMT 2004 の 3 個体は，ZUMT コレクションの ZUMT 57509–ZUMT 57511 に改めて登録した．ホロタイプ ZUMT 2002 には「2002」と「type」の布タグ 2 つが付いている．

Current status: Synonym of *Rhinogobius nagoyae* Jordan & Seale, 1906　シマヨシノボリ
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
鈴木寿之・陳　義雄．2011．田中茂穂博士により記載されたヨシノボリ属 3 種．大阪市立自然史博物館研究報告，65: 9–24.（Suzuki T. and Chen, I.-S. 2011. Redescriptions of three species of genus *Rhinogobius* (Perciformes, Gobiidae) described by Dr. Shigeho Tanaka. Bulletin of the Osaka Museum of Natural History, 65: 9–24. (In Japanese)]
田中茂穂．1908．魚類報告（第十一回）．（第二十六）加州金澤第二中学校加藤賢三採集せる處左の如し．動物学雑誌，20 (241): 492.
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Ctenogobius kurodai Tanaka, 1908　クロダハゼ

Original description: Tanaka (1908): 32.
Tanaka, S. 1908. Descriptions of eight new species of fishes from Japan. Annotationes Zoologicae Japonenses, 7 (1): 27–47.

Holotype (available): ZUMT 2008, a fresh-water pond in the residence of Marquis Kuroda Nagamichi, Fukuyoshi-cho, Akasaka, Tokyo, Japan; 27 Sept. 1908［東京赤坂福吉町　黒田長礼侯爵邸内の池（東京都港区赤坂），明治 41 年 9 月 27 日］
Paratypes (available): ZUMT 2009 (10), same as holotype
Paratypes (available): ZUMT 5232 (2), ZUMT 5281 (2), ZUMT 5285 (18), a fresh-water pond in the garden of Marquis in Kuroda, Fukuyoshi-cho, Akasaka, Tokyo, Japan［東京赤坂福吉町　黒田長礼侯爵邸内の池（東京都港区赤坂）］

Remarks: The original description designated ZUMT 2008 as the holotype. The holotype ZUMT 2008 has cloth tags indicating "2008, Type". The original description stated "Numerous specimens from a fresh-water pond in the garden of Marquis Kuroda in Tokyo". From the record of the ZUMT specimen ledger, there were 5 lots of specimens corresponding to "the pond in the garden of Marquis Kuroda's residence". The applicable 5 lots of ZUMT 2009 (10), ZUMT 2021, ZUMT 5232 (2), ZUMT 5281 (2), ZUMT 5285 (16) are all paratypes of *Ctenogobius kurodai*. All specimens except ZUMT 2021 were confirmed. In the record of ZUMT specimen ledger, the number of specimens of ZUMT 2009 was "5 individuals", and ZUMT 2021 was described as "numerous". Currently, ZUMT 2009 contains 10 specimens, which means that there are many 5 extra specimens. It was judged that the specimen of ZUMT 2021 was mixed in ZUMT 2009. The paratype ZUMT 2009 was set as 10 individuals, and ZUMT 2021 was set as a missing number.

原記載はホロタイプに ZUMT 2008 を指定した．ホロタイプ ZUMT 2008 には，「2008，Type」と書かれた布タグが付いている．原記載に「Numerous specimens from a fresh-water pond in the garden of Marquis Kuroda in Tokyo」とあった．ZUMT 標本台帳の記録から「黒田侯爵邸の庭にある池」に該当する標本が 5 ロットあった．該当した 5 ロットの ZUMT 2009 (10), ZUMT 2021, ZUMT 5232 (2), ZUMT 5281 (2), ZUMT 5285 (16)は，全て *Ctenogobius kurodai* のパラタイプである（ICZN Art. 72.4.1.1, 72.4.5）．ZUMT 2021 を除く全ての標本が確認できた．ZUMT 標本台帳の記録では，ZUMT 2009 の標本数は「5 個体」，ZUMT 2021 は「numerous」と記述されていた．現在，ZUMT 2009 には 10 標本が含まれ，5 標本が多いことになる．これは ZUMT 2009 に ZUMT 2021 の標本が混入したと判断した．パラタイプ ZUMT 2009 を 10 個体とし，ZUMT 2021 を欠番とした．

Current status: Valid as *Rhinogobius kurodai* (Tanaka, 1908)　クロダハゼ

中坊徹次（編）．2013. 日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

鈴木寿之・陳　義雄．2011. 田中茂穂博士により記載されたヨシノボリ属 3 種．大阪市立自然史博物館研究報告，65: 9–24. [Suzuki T. and Chen, I-S. 2011. Redescriptions of three species of genus *Rhinogobius* (Perciformes, Gobiidae) described by Dr. Shigeho Tanaka. Bulletin of the Osaka Museum of Natural History, 65: 9–24. (In Japanese with English abstract)]

Suzuki, T., Shibukawa, K. and Aizawa, M. 2017. *Rhinogobius mizunoi*, a new species of freshwater goby (Teleostei: Gobiidae) from Japan. Bulletin of the Kanagawa Prefectural Museum (Natural Science), 46: 79–95.

Eleotriodes puellaris Tomiyama, 1956　オトメハゼ

Original description: Tomiyama (1956): 1136, pl. 224, fig. 575

Tomiyama, I. and Abe, T. 1956. Figures and descriptions of the fishes of Japan (a continuation of Dr. Shigeho Tanaka's work). Kazama-shobo, Tokyo, 55: 1115–1140, pls. 220–224.

Holotype (available): ZUMT 18924, Kiragawa, Muroto City, Kochi Pref., Japan; 27 Mar. 1929; collected by Toshij Kamohara（高知県室戸市吉良川，昭和 4 年 3 月 27 日，蒲原稔治採集）

Current status: Valid as *Valenciennea puellaris* (Tomiyama, 1956)　オトメハゼ

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Tropical Reef Research, Perth Australia. Vol. II, 425–855 pp.

Hoese, D. F. and Larson, H. K. 1994. Revision of the Indo-Pacific gobiid fish genus *Valenciennea*, with descriptions of seven new species. Indo-Pacific Fishes, 23: 1–71, pls. 1–6.

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984. 日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013. 日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Eviota macrophthalmus Tomiyama, 1936　オオメハゼ

Original description: Tomiyama (1936): 47, fig. 6.

Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Holotype (lost): ZUMT 30331, Hachijo-jima I, Izu Islands, Japan; Sept. 1922; collected by Misao Uchiyama（伊豆諸島八丈島，大正 11 年 9 月，内山　操採集）

Remarks: Unfortunately, we cannot confirm this holotype at this time, so we decided that it was lost.
残念ながら，現時点でこのホロタイプは確認できないため，失われたと判断した．

Current status: Valid as *Trimma macrophthalmum* (Tomiyama, 1936)　オオメハゼ

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Tropical Reef Research, Perth Australia. Vol. III, preface, map, contents and 857–1260 pp.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Suzuki, T., Yano, K. and Senou, H.2015. *Trimma yoshinoi*, a new gobiid fish from Japan (Perciformes: Gobiidae). Journal of the Ocean Science Foundation, 14: 66–73.
Winterbottom, R. and Hoese, D. F. 2015. A revision of the Australian species of *Trimma* (Actinopterygii, Gobiidae), with descriptions of six new species and redescriptions of twenty-three valid species. Zootaxa, 3934 (1): 1–102.
Winterbottom, R. 2019. An illustrated key to the described valid species of *Trimma* (Teleostei: Gobiidae). Journal of the Ocean Science Foundation, 34: 1–61.

Gobiodon gnathus Tomiyama, 1934

Original description: Tomiyama (1934): 330, fig. 3.

Tomiyama, I. 1934. Four new species of gobies of Japan. Journal of the Faculty of Science, University of Tokyo, Section IV Zoology 3 (3): 325–334.

Holotype (available): ZUMT 26305, Misaki, Kanagawa Pref., Japan; 1933（神奈川県三崎，昭和 8 年）
Paratype (available): ZUMT 26331 (1), same as holotype

Remarks: In the original description, ZUMT 26305 was designated as the holotype. One paratype was added and described. The paratype is ZUMT 26331, whose scientific name and collected data match the records in the ZUMT specimen ledger.
原記載はホロタイプに ZUMT 26305 を指定した．さらに 1 パラタイプを加え，記載した．パラタイプは，学名と採集データが ZUMT 標本台帳の記録に一致した ZUMT 26331 である．

Current status: Synonym of *Lubricogobius exiguus* Tanaka, 1915　ミジンベニハゼ

Randall, J. E. and Senou, H. 2001. Review of the Indo-Pacific gobiid fish genus *Lubricogobius*, with description of a new species and a new genus for *L. pumilus*. Ichthyological Research, 48 (1): 3–12.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Gobius ornatus masago Tomiyama, 1936　マサゴハゼ

Original description: Tomiyama (1936): 73, fig. 26.

Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Holotype (available): ZUMT 30228, locality unknown
Paratype (available): ZUMT 34047 (1), Chiba Pref., Japan（千葉県）

Remarks: In the original description, ZUMT 30228 was designated as the holotype. One paratype was added and described. ZUMT 34047, whose scientific name and collected data match the records in the ZUMT specimen ledger is judged as the paratype.
原記載はホロタイプに ZUMT 30228 を指定した．さらに 1 パラタイプを加え，記載した．ZUMT 34047 は，学名と採集データが ZUMT 標本台帳の記録に一致したパラタイプと判断した．

Current status: Valid as *Pseudogobius masago* (Tomiyama, 1936)　マサゴハゼ
Larson, H. K. and Hammer, M. P. 2021. A revision of the gobiid fish genus *Pseudogobius* (Teleostei, Gobiidae, Tridentigerinae), with description of seven new species from Australia and South-east Asia. Zootaxa, 4961 (1): 1–85.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Lubricogobius exiguus Tanaka, 1915　ミヂンベニハゼ

Original description: Tanaka (1915): 567.
田中茂穂．1915．日本産魚類の十新種．動物学雑誌，27 (325): 565–568. [Tanaka, S. 1915. Ten new species of Japanese fishes. Zoological Magazine Tokyo, 27 (325): 565–568. (In Japanese)]

Lectotype: ZUMT 30028, Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko（長崎県長崎市場，金子一狼採集）
Paralectotypes (available): ZUMT 6376–ZUMT 6578 (3), same as holotype

Remarks: There is no holotype designation in the original description. From the records in the ZUMT specimen ledger, there are 4 specimens, ZUMT 6376–ZUMT 6578 (3) and ZUMT 30028, which matched the scientific name and collected data. All these specimens are considered are the syntypes (ICZN Art. 72.4.1.1). Randall and Senou (2001) designated ZUMT 30028 with a body length of 1.5 cm as described in the original description as the lectotype.
原記載にホロタイプの指定はない．ZUMT 標本台帳の記録から学名や収集データなどが一致した ZUMT 6376–ZUMT 6578 (3)，ZUMT 30028 の 4 標本があった．これらの標本はシンタイプである（ICZN Art. 72.4.1.1）．Randall and Senou (2001)は，原記載にある体長 1.5 cm の ZUMT 30028 をレクトタイプに選択した．

Current status: Valid as *Lubricogobius exiguus* Tanaka, 1915　ミジンベニハゼ
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University

Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Randall, J. E. and Senou, H. 2001. Review of the Indo-Pacific gobiid fish genus *Lubricogobius*, with description of a new species and a new genus for *L. pumilus*. Ichthyological Research, 48 (1): 3–12.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Luciogobius albus Regan, 1940　ドウクツミミズハゼ

Original description: Regan (1940): 465.
Regan, C. T. 1940. The fishes of the gobiid genus *Luciogobius* Gill. Annals and Magazine of Natural History, Ser. 11, 5 (29): 462–465.

Syntypes (available): ZUMT 25762 (1), ZUMT 25693 (1), cave of Daikon-jima, Yatsuka-cho, Yatsuka Dist., Shimane Pref., Japan; Nov. 1931（島根県八束郡八束町大根島，昭和 6 年 11 月）

Remarks: The original description was based on 2 specimens from Daikon-jima, Shimane Prefecture, illustrated by Tomiyama (1936: 52, fig. 10C). From the records of the ZUMT specimen ledger, there were ZUMT 25762 and ZUMT 25693 corresponding to Daikon-jima, Shimane Prefecture. These 2 specimens are syntypes (ICZN Art. 72.1.1, 72.4.1.1). In addition, the specimen illustrated in fig. 10C of Tomiyama (1936) is ZUMT 25693.
原記載は Tomiyama (1936: 52, fig. 10C)が図示した島根県大根島産の 2 標本に基づいて記載された．ZUMT 標本台帳の記録から島根県大根島に該当する ZUMT 25762 と ZUMT 25693 があった．この 2 標本はシンタイプである（ICZN Art. 72.1.1, 72.4.1.1）．Tomiyama (1936)の fig. 10C に図示された標本は，ZUMT 25693 である．

Current status: Valid as *Luciogobius albus* Regan, 1940　ドウクツミミズハゼ
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.
渋川浩一・藍澤正宏・鈴木寿之・金川直幸・武藤　文．2019．静岡県産ミミズハゼ属魚類の分類学的検討（予報）．東海自然誌，12: 29–96. [Shibukawa K., Aizawa, M., Suzuki, T., Kanagawa, N. and Muto, F. 2019. Preliminary review of earthworm gobies of the genus *Luciogobius* (Gobiiformes, Oxudercidae) from Shizuoka Prefecture, Japan. Bulletin of the Museum of Natural and Environmental History, Shizuoka, 12: 29–96. (In Japanese with English abstract)]
渋川浩一・藍澤正宏・鈴木寿之．2020．*Inu* Snyder, 1909 とは何か？―コマハゼ属の再定義および関係する砂礫間隙性ハゼ類の放散に関する考察．東海自然誌，13: 79–116. [Shibukawa K., Aizawa, M. and Suzuki, T. 2020. Comparative morphology, validity, and limits of the genus *Inu* Snyder, 1909 (Gobiiformes, Oxudercidae), with comments on the diversification of the related interstice-dwelling goby genera in Japan. Bulletin of the Museum of Natural and Environmental History, Shizuoka, 13: 79–116. (In Japanese with English abstract)]

Luciogobius grandis Arai, 1970　オオミミズハゼ

Original description: Arai (1970): 199, figs. 1–2; pl. 1 (figs. 3–6).
Arai, R. 1970. *Luciogobius grandis*, a new goby from Japan and Korea. Bulletin of the National Science Museum (Tokyo), 13 (2): 199–206, pl. 1.

Paratypes (available): ZUMT 1350 (1), ZUMT 29960 (1), Toi [Suruga Bay], Izu Peninsula, Shizuoka Pref., Japan; 16 Aug. 1906; collected by Rhotaro Uchiyama（静岡県伊豆市土肥　駿河湾，明治 39 年 8 月 16 日，内山柳太郎採集）
Paratypes (available): ZUMT 37896–ZUMT 37900 (5), Ullung–do Island, Korea; 8 Aug. 1937
Paratypes (available): ZUMT 38084–ZUMT 38086 (3), Fukui Pref., Japan; July 1934（福井県，1934 年 7 月）

Current status: Valid as *Luciogobius grandis* Arai, 1970　オオミミズハゼ
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
渋川浩一・藍澤正宏・鈴木寿之・金川直幸・武藤　文．2019．静岡県産ミミズハゼ属魚類の分類学的検討（予報）．東海自然誌，12: 29–96. [Shibukawa K., Aizawa, M., Suzuki, T., Kanagawa, N. and Muto, F. 2019. Preliminary review of earthworm gobies of the genus *Luciogobius* (Gobiiformes, Oxudercidae) from Shizuoka Prefecture, Japan. Bulletin of the Museum of Natural and Environmental History, Shizuoka, 12: 29–96. (In Japanese with English abstract)]

Luciogobius pallidus Regan, 1940　イドミミズハゼ

Original description: Regan (1940): 465.
Regan, C. T. 1940. The fishes of the gobiid genus *Luciogobius* Gill. Annals and Magazine of Natural History, Ser. 11, 5 (29): 462–465.

Syntype (available): ZUMT 11607 (1), Misaki (32°47.3'N, 132°53.0'E.), Tosashimizu City, Kochi Pref., Japan（高知県土佐清水市三崎）
Syntype (available): ZUMT 16147 (1), Uwajima City, Ehime Pref., Japan（愛媛県宇和島市）
Syntype (available): ZUMT 26342 (1), Gobo City, Hidaka Dist., Wakayama Pref., Japan; May 1934（和歌山県日高郡御坊市，昭和 9 年 5 月）

Remarks: The original description was based on 3 specimens obtained from the artesian well illustrated by Tomiyama (1936: 52, fig. 10D). From the records in the ZUMT specimen ledger, there are ZUMT 11607, ZUMT 16147 and ZUMT 26342 that corresponded to the collection data. These 3 specimens are syntypes (ICZN Art. 72.1.1, 72.4.1.1). The specimen illustrated in fig. 10D of Tomiyama (1936) is ZUMT 11607.
原記載は Tomiyama (1936: 52, fig. 10D)が図示した自噴井戸から入手した 3 標本に基づいて記載された．ZUMT 標本台帳の記録から収集データに該当する ZUMT 11607，ZUMT 16147 と ZUMT 26342 があった．この 3 標本はシンタイプである（ICZN Art. 72.1.1, 72.4.1.1）．Tomiyama (1936)の fig. 10D に図示された標本は，ZUMT 11607 である．

Current status: Valid as *Luciogobius pallidus* Regan, 1940　イドミミズハゼ
藍澤正宏．1998．イドミミズハゼ．pp. 186–187 in 水産庁編．日本の希少な野生水生生物に関するデータブック．第III部淡水魚類．日本水産資源保護協会，東京．(Aizawa, M. 1998. *Luciogobius pallidus* Regan, 1940. pp. 186–187 in Compiled by the Fisheries Agency. Data book on rare wild aquatic organisms in

Japan. Part III: Freshwater fishes. Japan Fisheries Resource Conservation Association, Tokyo. [In Japanese])
Kim, B.-J. 2012. New record of a rare hypogean gobiid, *Luciogobius pallidus* from Jeju island, Korea. Korean Journal of Ichthyology, 24 (4): 306–310.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
岡村恭平・山上竜生・高橋弘明・甲斐嘉晃・遠藤広光．2024．高知県におけるイドミミズハゼ種群の分布・生息状況および形態的・遺伝的特徴．Ichthy, Natural History of Fishes of Japan, 43: 20–37. [Okamura, K., Yamagami, R., Takahashi, H., Kai, Y. and Endo, H. 2024. Distribution, habitat status, and morphological and genetic characteristics of the *Luciogobius pallidus* complex sensu Shibukawa et al. (2019) in Kochi Prefecture, Japan. Ichthy, Natural History of Fishes of Japan, 43: 20–37. (InJapanese, English abstract)].
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
渋川浩一・藍澤正宏・鈴木寿之・金川直幸・武藤　文．2019．静岡県産ミミズハゼ属魚類の分類学的検討（予報）．東海自然誌，12: 29–96. [Shibukawa K., Aizawa, M., Suzuki, T., Kanagawa, N. and Muto, F. 2019. Preliminary review of earthworm gobies of the genus *Luciogobius* (Gobiiformes, Oxudercidae) from Shizuoka Prefecture, Japan. Bulletin of the Museum of Natural and Environmental History, Shizuoka, 12: 29–96. (In Japanese with English abstract)]
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Oxyurichthys saru Tomiyama, 1936　サルハゼ

Original description: Tomiyama (1936): 78, fig. 29.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Holotype (available): ZUMT 30522, Shizuura, Numazu City, Shizuoka Pref., Japan（静岡県沼津市静浦　駿河湾）
Paratype (available): ZUMT 30523 (1), same as holotype

Remarks: The original description designated ZUMT 30522 as the holotype. One paratype was added and described. ZUMT 30523, whose scientific name and collected data match the records in the ZUMT specimen ledger, is considered as the paratype.
原記載はホロタイプに ZUMT 30522 を指定した．さらに 1 パラタイプを加え，記載した．ZUMT 30523 は，学名と採集データが ZUMT 標本台帳の記録に一致したパラタイプである．

Current status: Valid as *Oxyurichthys saru* Tomiyama, 1936　サルハゼ
鈴木寿之･瀬能　宏･坂本勝一･岩田明久･藍澤正宏．2000．西表島から得られたサルハゼ属 4 種について．I. O. P. Diving New, 11 (7): 2–7. [Suzuki, T., Senou, H., Sakamoto, K., Iwata, A. and Aizawa, M. 2000. Notes on four species of *Oxyurichthys* (Perciformes, Gobiidae) collected in Iriomote Island, Ryukyu Islands. I. O. P. Diving New, 11 (7): 2–7. (In Japanese with English abstract)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
渋川浩一・武藤文人・鈴木寿之・藍澤正宏．2017．浜名湖から得られたハゼ科サルハゼ属の 1 未記載種と日本産同属魚類の分類の現状．東海自然誌，10: 45–57. [Shibukawa K., Muto, F., Suzuki, T. and

Aizawa, M. 2017. An undescribed goby of the genus *Oxyurichthys* (Gobiidae; Gobionellinae) from Lake Hamana, Shizuoka Prefecture, with comments on taxonomy of the other congeners in Japan. Bulletin of the Museum of Natural and Environmental History, Shizuoka, 10: 45–57. (In Japanese, English abstract)]

Paedogobius kimurai Iwata, Hosoya & Larson, 2001　シラスキバハゼ

Original description: Iwata, Hosoya and Larson (2001): 104, figs. 1–8.

Iwata, A., Hosoya, S. and Larson, H. K. 2001. *Paedogobius kimurai*, a new genus and species of goby (Teleostei: Gobioidei: Gobiidae) from the west Pacific. Records of the Australian Museum, 53 (1): 103–112.

Paratypes (available): ZUMT 59947–ZUMT 59950 (4), Nakagusuku Bay (26°12'N 127°50'E), Okinawa Island, Okinawa Pref., Japan; 29 May 1994（沖縄県沖縄島中城湾）

Current status: Valid as *Paedogobius kimurai* Iwata, Hosoya & Larson, 2001　シラスキバハゼ

Kottelat, M. 2013. The fishes of the inland waters of Southeast Asia: a catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. Raffles Bulletin of Zoology Supplement, 27: 1–663.

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Parioglossus dotui Tomiyama, 1958　サツキハゼ

Original description: Tomiyama (1958): 1179, pl. 230 (fig. 582).

Tomiyama, I. and Abe, T. 1958. Figures and descriptions of the fishes of Japan (a continuation of Dr. Shigeho Tanaka's work). Kazama-shobo, Tokyo, 57: 1171–1194, pls. 229–231.

Holotype (available, poor condition): ZUMT 49172, Mogi, Kamitsushima-cho, Kamiagata Dist., (Tsushima Is), Nagasaki Pref., Japan; 22 July 1951; collected by Yoshie Dotu（長崎県対馬上県郡上対馬茂木，昭和 26 年 6 月 22 日，道津義衛採集）

Paratypes (available): ZUMT 49173–ZUMT 49176 (4), same as holotype

Current status: Valid as *Parioglossus dotui* Tomiyama, 1958　サツキハゼ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Rennis, D. S. and Hoese, D, F. 1985. A review of the genus *Parioglossus*, with descriptions of six new species (Pisces, Gobioidei). Records of the Australian Museum, 36 (4): 169–201.

鈴木寿之・瀬能　宏・藍澤正宏．1994．西表島で採集された日本初記録のサツキハゼ属魚類 3 種．I. O. P. Diving News, 5 (9): 2–6. [Suzuki, T., Senou, H. and Aizawa, M. 1994. Two newly recorded and one unidentified species of the genus *Parioglossus* from Japan. I. O. P. Diving News, 5 (9): 2–6. (In Japanese, English abstract)]

Tomiyama, I. 1959. Four eleotroid fishes belonging to the genus *Parioglossus*. Annotationes Zoologicae Japonenses, 32 (2): 101–104.

Parioglossus senoui Suzuki, Yonezawa & Sakaue, 2010　ムスメハゼ

Original description: Suzuki, Yonezawa and Sakaue (2010): 38, figs 5–8.

Suzuki, T., Yonezawa, T. and Sakaue, J. 2010. Three new species of the ptereleotrid fish genus *Parioglossus* (Perciformes: Gobioidei) from Japan, Palau and India. Bulletin of the National Museum of Nature and Science (Ser. A) Supplement, 4: 31–48.

Paratype (available): ZUMT 60443 (1), Hoshizuma-no-hama Beach (24°26'12.84″N, 123°46'30.8″E), Iriomote-jima Island, Yaeyama Group of the Ryukyu Islands, Japan; 23 Aug. 1989; 0.5 m depth; collected by Toshiyuki Suzuki（沖縄県八重山諸島西表島星砂の浜，平成元年 8 月 23 日，鈴木寿之採集）

Current status Valid as *Parioglossus senoui* Suzuki, Yonezawa & Sakaue, 2010　ムスメハゼ

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

鈴木寿之・瀬能　宏・藍澤正宏．1994．西表島で採集された日本初記録のサツキハゼ属魚類 3 種．I. O. P. Diving News, 5 (9): 2–6. [Suzuki, T., Senou, H. and Aizawa, M. 1994. Two newly recorded and one unidentified species of the genus *Parioglossus* from Japan. I. O. P. Diving News, 5 (9): 2–6. (In Japanese, English abstract)]

Rhinogobius barbatus Tomiyama, 1934

Original description: Tomiyama (1934): 325, fig. 1.

Tomiyama, I. 1934. Four new species of gobies of Japan. Journal of the Faculty of Science, University of Tokyo, Section IV Zoology, 3 (3): 325–334.

Holotype (available): ZUMT 26303, Ariake Sea, Okinohata, Yanagawa City, Fukuoka Pref., Japan; May 1931; collected by Ichiro Tomiyama（福岡市柳川市沖端　有明海，昭和 6 年 5 月，冨山一郎採集）

Paratypes (available): ZUMT 26329 (1), ZUMT 57515–ZUMT 57517 (3), same as holotype

Remarks: In the original description, ZUMT 26303 was designated as the holotype, and 4 paratypes were added. ZUMT 26329 matching the scientific name and collection data of the records in the ZUMT specimen ledger, is considered as the paratypes. This lots originally contained 4 individuals, and 3 individuals other than those with the cloth tag of ZUMT 26329 were registered as ZUMT 57515 to ZUMT 57517.

原記載はホロタイプに ZUMT 26303 を指定し，さらに 4 個体のパラタイプを加え，記載した．ZUMT 26329 は学名や収集株データが ZUMT 標本台帳の記録に一致したパラタイプである．この標本は 4 個体が含まれ，ZUMT 26329 の布タグが付いたもの以外の 3 個体を ZUMT 57515–ZUMT 57517 に登録した．

Current status: Valid as *Heteroplopomus barbatus* (Tomiyama, 1934)　ニラミハゼ

Matsui, S., Inui, R. and Kai, Y. 2014. Annotated checklist of gobioid fishes (Perciformes, Gobioidei) from Wakasa Bay, Sea of Japan. Bulletin of the Osaka Museum of Natural History, 68: 1–25, pls. 1–4.

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds).

1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
清水孝昭．2001．愛媛県伊予市沿岸域の魚類目録．徳島県立博物館研報，11: 17–99. [Shimizu, T. 2001. An annotated list of the coastal fishes from Iyo City, Ehime Prefecture [sic], Japan. Bulletin of the Tokushima Prefectural Museum, 11: 17–99. (In Japanese with English abstract)]
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.

Rhinogobius fluviatilis Tanaka, 1925

Original description: Tanaka (1925): 641, pl. 151.
田中茂穂．1925．日本産魚類図説，34: 629–644, pls. 151–153. [Tanaka, S. 1925. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 34: 629–644, pls. 151–153. (In Japanese and English)]

Holotype (available): ZUMT 9108, Himeji, Hyogo Pref., Japan（兵庫県姫路市）

Remarks: The original description designated ZUMT 9108 as the holotype. ZUMT 9108 in the record of ZUMT specimen ledger is a serial number of ZUMT 9106 to ZUMT 9108, and there is no description of the scientific name in these. Therefore, the two specimens ZUMT 9106 and ZUMT 9107 are not included in the type series because there is no evidence of identification.
原記載はホロタイプに ZUMT 9108 を指定した．ZUMT 標本台帳の記録の ZUMT 9108 は，ZUMT 9106–ZUMT 9108 の連番であり，これらに学名の記述はない．従って，ZUMT 9106 と ZUMT 9107 の 2 標本は同定された証拠がないため，タイプシリーズに含まれない．

Current status: Valid as *Rhinogobius fluviatilis* Tanaka, 1925　オオヨシノボリ
鈴木寿之・陳　義雄．2011．田中茂穂博士により記載されたヨシノボリ属 3 種．大阪市立自然史博物館研究報告，65: 9–24.（Suzuki T. and Chen, I.-S. 2011. Redescriptions of three species of genus *Rhinogobius* (Perciformes, Gobiidae) described by Dr. Shigeho Tanaka. Bulletin of the Osaka Museum of Natural History, 65: 9–24. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Rhinogobius hoshinonis Tanaka, 1917　ホシノハゼ

Original description: Tanaka (1917): 226.
田中茂穂．1917．日本産魚類の三新種．動物学雑誌，29 (346): 225–226. [Tanaka, S. 1917. Three new species of Japanese fishes. Zoological Magazine Tokyo, 29 (346): 225–226. (In Japanese)]

Holotype (lost): ZUMT 8038, Hiro, Hirokawa, Arita Dist., Wakayama Pref., Japan; collected by Isaburo Hoshino ［紀伊國廣（和歌山県広川広），星野伊三郎採集］

Remarks: The original description does not designated the holotype. ZUMT 8038 is the only specimen whose

scientific name and collected data match from the records in the ZUMT specimen ledger. The holotype is ZUMT 8038 (ICZN Art. 73.1.2). No specimen was found at this time, and it was determined that it was lost.

原記載にはホロタイプの指定がない．ZUMT 8038 は原記載の学名と採集データが ZUMT 標本台帳の記録に一致する唯一の標本であり，ホロタイプと判断した（ICZN Art. 73.1.2）．現時点では標本は発見されておらず，紛失したと判断した．

Current status: Valid as *Istigobius hoshinonis* (Tanaka, 1917)　ホシノハゼ

林　公義・新井良一・松浦啓一．1981．伊豆半島沿岸で採れたホシノハゼ *Acentrogobius hoshinonis* について．国立科学博物館専報，14: 144–149. [Hayashi, M., Arai, R. and Matsuura, K. 1981. Notes on a goby *Acentrogobius hoshinonis* from the Izu Peninsula, central Japan. Memoirs of the National Science Museum, 14: 144–149. (In Japanese)]

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

Matsui, S., Inui, R. and Kai, Y. 2014. Annotated checklist of gobioid fishes (Perciformes, Gobioidei) from Wakasa Bay, Sea of Japan. Bulletin of the Osaka Museum of Natural History, 68: 1–25, pls. 1–4.

Murdy, E. O. and Hoese, D. F. 1985. Revision of the gobiid fish genus *Istigobius*. Indo-Pacific Fishes, 4: 1–41, pls. 1–3.

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Sicydium japonicum Tanaka, 1909

Original description: Tanaka (1909): 22.

Tanaka, S. 1909. Descriptions of one new genus and ten new species of Japanese fishes. Journal of the College of Science. Imperial University, Tokyo 27 (8): 1–27, pl. 1.

Holotype (available): ZUMT 2138, Tosa, Kochi Pref., Japan; collected by Oda（高知県土佐，織田千齢採集）

Paratype (available): ZUMT 2139 (1), Wakayama Pref., Japan; collected by Hisashi Nakajima（和歌山県，中島久楠採集）

Remarks: The original description designated ZUMT 2138 as the holotype. Further, a paratype specimen was added and described. This paratype is "Wakayama Prefecture, collected by H. Nakajima", which is ZUMT 2139 in which the scientific name and collected data match from the records in the ZUMT specimen ledger. The figure published in Tanaka (1913)'s the Figures and descriptions of the fishes of Japan (12: pl. 56, figs. 209–211, pl. 58, fig. 215) is paratype ZUMT 2139.

原記載はホロタイプに ZUMT 2138 を指定した．さらにパラタイプ 1 標本を加え，記載された．このパラタイプには「Wakayama Prefecture, collected by H. Nakajima」とあり，ZUMT 標本台帳の記録から学名と収集データが一致した ZUMT 2139 である．田中（1913: 日本産魚類図説 12: pl. 56, figs. 209–211, pl. 58, fig. 215）に掲載された図は，パラタイプ ZUMT 2139 である．

Current status: Valid as *Sicyopterus japonicus* (Tanaka, 1909)　ボウズハゼ

明仁親王・目黒勝介．1979．*Sicydium* 属と *Sicyopterus* 属の相違について．魚類学雑誌，26 (2): 192–202. [Prince Akihito and Meguro, K. 1979. On the differences between the genera *Sicydium* and *Sicyopterus* (Gobiidae). Japanese Journal of Ichthyology, 26 (2):192–202. (in Japanese with English abstract)]

Maeda, K. and Saeki, T. 2018. Revision of species in *Sicyopterus* (Gobiidae: Sicydiinae) described by de Beaufort

(1912), with a first record of *Sicyopterus longifilis* from Japan. Species Diversity, 23: 253–262.
Lord, C., Keith, P., Causse, R. and Amick, P. 2020. A new species of *Sicyopterus* (Teleostei: Gobioidei: Sicydiinae) from Papua New Guinea. Cybium, 44 (2): 127–136.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
田中茂穂．1913．日本産魚類図説 12: 199–214, pls. 56–60. [Tanaka, S. 1913. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 12: 199–214, pls. 56–60. (In Japanese and English)]
Yonezawa, T., Shinomiya, A. and Motomura, H. 2010. Freshwater fishes of Yaku-shima Island, Kagoshima Prefecture, southern Japan. pp. 249-261. In: Fishes of Yaku-shima Island. National Museum of Nature and Science, Tokyo. Fishes of Yaku-shima Island.

Tomiyamichthys alleni Iwata, Ohnishi & Hirata, 2000　ヒメオニハゼ

Original description: Iwata, Ohnishi and Hirata (2000): 771, figs. 1–2.
Iwata, A., Ohnishi, N. and Hirata, T. 2000. *Tomiyamichthys alleni*: a new species of Gobiidae from Japan and Indonesia. Copeia, 2000 (3): 771–776.

Paratype (available): ZUMT 59946 (1), Kashiwajima Island, Otsuki-cho, Hata-gun, Kochi Prefecture, Japan（高知県幡多郡大月町柏島）

Current status: Valid as *Tomiyamichthys alleni* Iwata, Ohnishi & Hirata, 2000　ヒメオニハゼ
Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Tropical Reef Research, Perth Australia. Vol. III, preface, map, contents and 857–1260 pp.
Allen, G. R., Erdmann, M. V. and Brooks, W. M. 2018. A new species of *Tomiyamichthys* shrimpgoby (Pisces: Gobiidae) from Papua New Guinea. Journal of the Ocean Science Foundation, 31: 38–46.
Hoese, D. F., Shibukawa, K. and Johnson, J. W. 2016. Description of a new species of *Tomiyamichthys* from Australia with a discussion of the generic name. Zootaxa, 4079 (5): 582–594.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Tridentiger kuroiwae Jordan & Tanaka, 1927

Original description: Jordan and Tanaka (1927): 276, pl. 23 (figs. 1–3).
Jordan, D. S. and Tanaka, S. 1927. The fresh-water fishes of the Riukiu Islands, Japan. Annals of the Carnegie Museum, 17 (2): 259–278, pls. 22–23.

Paratypes (available): ZUMT 8913–ZUMT 8918 (6), ZUMT 8920 (1), ZUMT 8923 (1), ZUMT 8925 (1), Yakkachi-gawa River, Sumiyo, Amami-Oshima, Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町　役勝川，大正 8 年 7 月 1 日，黒岩　恒採集）

Paratype (available): ZUMT 8936 (1), Kawauchi-gawa River, Surigachi, Sumiyo, Amami City (Amami-Oshima Island), Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町摺勝川内川，大正 8 年 7 月 1 日，黒岩　恒採集）

Paratypes (available): ZUMT 9392–ZUMT 9395 (4), ZUMT 9398–ZUMT 9399 (2), ZUMT 9421 (1), Amami-Oshima Islands, Kagoshima Pref., Japan; collected by Hisashi Kuroiwa（鹿児島県奄美大島，黒岩　恒採集）

Paratypes (available): ZUMT 8822–ZUMT 8824 (3), ZUMT 9463–ZUMT 9464 (2), ZUMT 9466 (1), Yabu-gawa River, Umusa, Nago City, Okinawa Pref., Japan; April 1919; collected by Hisashi Kuroiwa（沖縄県名護市宇茂佐　屋部川，大正 8 年 4 月，黒岩　恒採集）

Paratype (available): ZUMT 9441 (1), Ishigaki Island, Okinawa Pref., Japan; collected by Hisashi Kuroiwa（沖縄県石垣島，黒岩　恒採集）

Paratypes (available): ZUMT 30312 (36), Yakushima Is., Kagoshima Pref., Japan; Arrived in 3 July 1919; collected by Hisashi Kuroiwa（鹿児島県屋久島，黒岩　恒採集，大正八年七月 3 日到着）

Paratypes (lost): ZUMT 8911 (1), ZUMT 8926 (1), Yakkachi-gawa River, Sumiyo, Amami-Oshima, Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町　役勝川，大正 8 年 7 月 1 日，黒岩　恒採集）

Paratypes (lost): ZUMT 9444 (1), Ishigaki Is., Okinawa Pref., Japan; collected by Hasashi Kuroiwa（沖縄県石垣島，黒岩　恒採集）

The following ZUMT specimen has been registered as holotype deposited at Field Museum of Natural History, Chicago, Illinois, U.S.A (FMNH 59181).
以下の ZUMT 標本はフィールドミュージアム（米国イリノイ州シカゴ）にホロタイプ（FMNH 59181）として登録されている．

ZUMT 8909, Yakkachi-gawa River, Sumiyo, Amami-Oshima, Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町　役勝川，大正 8 年 7 月 1 日，黒岩　恒採集）

The following 9 individuals of ZUMT specimens have been registered as FMNH 59182, paratype.
以下の 9 個体の ZUMT 標本は FMNH 59182（パラタイプ）として登録されている．

ZUMT 8912 (1), ZUMT 8919 (1), ZUMT 8921–ZUMT 8922 (2), ZUMT 8924 (1), Yakkachi-gawa River, Sumiyo, Amami-Oshima, Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町　役勝川，大正 8 年 7 月 1 日，黒岩恒採集）

ZUMT 8820–ZUMT 8821 (2), ZUMT 9465 (1), Yabu-gawa River, Umusa, Nago City, Okinawa Pref., Japan; Apr. 1919; collected by Hisashi Kuroiwa.（沖縄県名護市宇茂佐　屋部川，大正 8 年 4 月，黒岩恒採集）

ZUMT 9396 (1), Amami-Oshima Island, Kagoshima Pref., Japan; collected by Hisashi Kuroiwa（鹿児島県奄美大島，黒岩恒採集）

The following 5 individuals of ZUMT specimens have been registered as paratypes deposited at California Academy of Sciences, San Francisco, California, U.S.A. (CAS-SU 23668).
以下の 5 個体の ZUMT 標本はカリフォルニア科学アカデミー（米国カリフォルニア州サンフランシスコ）にパラタイプ（CAS-SU 23668）として登録されている．

ZUMT 8910 (1), Yakkachi-gawa River, Sumiyo, Amami-Oshima, Kagoshima Pref., Japan; 1 July 1919; collected by Hisashi Kuroiwa（鹿児島県奄美市住用町　役勝川，大正 8 年 7 月 1 日，黒岩恒採集）

ZUMT 9390 (or 9391) (1), ZUMT 9395, ZUMT 9397 (2), Amami-Oshima Island, Kagoshima Pref., Japan; collected by Hisashi Kuroiwa（鹿児島県奄美大島，黒岩恒採集）

ZUMT 9443 (1), Ishigaki Is., Okinawa Pref., Japan; collected by Hasashi Kuroiwa（沖縄県石垣島，黒岩恒採集）

Remarks: The type series of this species consists of 42 registered lots (2 lots from Yakushima, 28 lots from

Amami Oshima, 9 lots from Okinawa Island, and 3 lots from Ishigaki Island). These are based on freshwater specimens from the Ryukyu Islands collected by Hisashi Kuroiwa in the ZUMT collection. According to the records in the ZUMT specimen ledger, there are 42 registered lots of the genus *Tridentiger* collected by Kuroiwa, of which 1 lots is from Yakushima, 29 lots from Amami Oshima, 9 lots from Okinawa Island, and 3 lots from Ishigaki Island, which are almost the same as the original description. The holotype FMNH 59181 and paratype 14 specimens FMNH 59182 (9) and CAS-SU 23668 (5) are from Amami Oshima. The remaining 27 registered lots were also paratypes, and 25 registered lots could be confirmed from the ZUMT collection (ICZN Art. 72.4.1.1, 72.4.5). From the digital image of the holotype FMNH 59181, it is the ZUMT 8909. Correspondence between 14 registered lots of paratype FMNH 59182 (9) and CAS-SU 23668 (5) and ZUMT registered lots has not been confirmed.

本種のタイプシリーズは，42 登録ロット（屋久島 2 ロット，奄美大島 28 ロット，沖縄島 9 ロット，石垣島 3 ロット）である．これらは，ZUMT コレクションの黒岩　恒の採集した琉球列島の淡水魚類が基になっている．ZUMT 標本台帳の記録では，黒岩の採集したチチブ属 *Tridentiger* は 42 ロットあり，その内訳は屋久島 1 ロット，奄美大島 29 ロット，沖縄島 9 ロット，石垣島 3 ロットと原記載の記述に概ね一致する．ホロタイプ FMNH 59181 とパラタイプ 14 標本の FMNH 59182 (9)と CAS-SU 23668 (5)は，奄美大島産とある．残りの 27 登録ロットもパラタイプであり，ZUMT コレクションから 24 登録ロットを確認できた（ICZN Art. 72.4.1.1, 72.4.5）．

Current status: Valid as *Tridentiger kuroiwae* Jordan & Tanaka, 1927　ナガノゴリ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

Motomura, H., Kuriiwa, K., Katayama, E., Senou, H., Ogihara, G., Meguro, M., Matsunuma, M., Takata, Y., Yoshida, T., Yamashita, M., Kimura, S., Endo, H., Murase, A., Iwatsuki, Y., Sakurai, Y., Harazaki, S., Hidaka, K., Izumi, H. and Matsuura, K. 2010. Annotated checklist of marine and estuarine fishes of Yaku–shima Island, Kagoshima, southern Japan. Pp. 65–247. In: Motomura, H. and K. Matsuura (eds.) Fishes of Yaku–shima Island－A World Heritage island in the Osumi Group, Kagoshima Prefecture, southern Japan. National Museum of Nature and Science, Tokyo.

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.

Yonezawa, T., Shinomiya, A. and Motomura, H. 2010. Freshwater fishes of Yaku-shima Island, Kagoshima Prefecture, southern Japan. pp. 249–261. In: Fishes of Yaku-shima Island. National Museum of Nature and Science, Tokyo. Fishes of Yaku-shima Island.

Tridentiger nudicervicus Tomiyama, 1934　シロチチブ

Original description: Tomiyama (1934): 328, fig. 2.

Tomiyama, I. 1934. Four new species of gobies of Japan. Journal of the Faculty of Science, University of Tokyo, Section IV Zoology, 3 (3): 325–334.

Holotype (available): ZUMT 26304, Ariake Sea, Okinohata, Yanagawa City, Fukuoka Pref., Japan; May 1931; collected by I. Tomiyama（福岡県柳川市沖端　有明海，昭和 6 年 5 月，冨山一郎採集）

Paratypes (available): ZUMT 26330 (1), ZUMT 30193–ZUMT 30194 (2), same as holotype

Remarks: The original description designated ZUMT 26304 as the holotype. Further, 3 paratype specimens were added and described. ZUMT 26330, ZUMT 30193, and ZUMT 30194 are specimens whose scientific names and collected data match from the records in the ZUMT specimen ledger, are judged as paratypes.

原記載はホロタイプに ZUMT 26304 を指定した．さらにパラタイプ 3 標本を加え，記載された．ZUMT 26330，ZUMT 30193，および ZUMT 30194 は，ZUMT 標本台帳の記録から学名と採集データが一致する標本である．これらの標本はパラタイプである．

Current status: Valid as *Tridentiger nudicervicus* Tomiyama, 1934　シロチチブ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology 7 (1): 37–112.

Valenciennea phaeochalina Tanaka, 1917　タヅナハゼ

Original description: Tanaka (1917): 225.

田中茂穂．1917．日本産魚類の三新種．動物学雑誌，29 (346): 225–226. [Tanaka, S. 1917. Three new species of Japanese fishes. Zoological Magazine Tokyo, 29 (346): 225–226. (In Japanese)]

Holotype (lost): ZUMT uncatalogued, Tanabe, Kii Penn. Japan; collected by Nuizo Ui［紀伊國田濱（和歌山県田辺市），宇井縫蔵採集］

Remarks: There is no holotype designation in the original description. There is no record of the corresponding specimen in the record of the ZUMT specimen ledger, and no specimen matching the original description were found in the ZUMT collection.
原記載にホロタイプの指定がない．ZUMT 標本台帳の記録にも該当する標本の記録がなく，ZUMT コレクションにも記載に一致する標本を発見できなかった．

Current status: Synonym of *Valenciennea wardii* (Playfair, 1867)　ササハゼ

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Tropical Reef Research, Perth Australia. Vol. III, preface, map, contents and 857–1260 pp.
Hoese, D. F. and Larson, H. K.1994. Revision of the Indo-Pacific gobiid fish genus *Valenciennea*, with descriptions of seven new species. Indo-Pacific Fishes, 23: 1–71, pls. 1–6.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology 7 (1): 37–112.

Waitea parvida Tanaka, 1915　カスリハゼ

Original description: Tanaka (1915): 567.

田中茂穂．1915．日本産魚類の十新種．動物学雑誌，27 (325): 565–568. [Tanaka, S. 1915. Ten new species

of Japanese fishes. Zoological Magazine Tokyo, 27 (325): 565–568. (In Japanese)]

Syntypes (available): ZUMT 6367 (1), ZUMT 63415 (1), Nagasaki Market, Nagasaki Pref., Japan; April 1908; collected by Ichiro Kaneko（長崎県長崎市場，明治 41 年 4 月，金子一狼採集）

Remarks: There is no holotype designation in the original description. ZUMT 6367 is a specimen whose scientific name and collected data match from the records in the ZUMT specimen ledger. This ZUMT 6367 contains 2 samples. A specimen with a total length of 35 mm was left on the ZUMT 6367, and a slightly smaller individual was re-registered on the ZUMT 63415. These specimens are syntypes.
原記載にはホロタイプの指定がない．ZUMT 6367 は ZUMT 標本台帳の記録から学名と採集データが一致する標本である．この ZUMT 6367 は 2 標本が含まれる．全長 35 mm の標本を ZUMT 6367 にのこし，やや小さい個体を ZUMT 63415 に再登録した．これらの標本はシンタイプである（ICZN Art. 72.1.1, 73.2）．

Current status: Synonym of *Mahidolia mystacina* (Valenciennes, 1837)　カスリハゼ

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Tropical Reef Research, Perth Australia. Vol. III, preface, map, contents and 857–1260 pp.
Allen, G. R. and Erdmann, M. V. 2019. *Mahidolia paucipora*, a new species of shrimpgoby (Teleostei: Gobiidae) from Papua New Guinea. Journal of the Ocean Science Foundation, 32: 79–88.
Kottelat, M. 2013. The fishes of the inland waters of Southeast Asia: a catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. Raffles Bulletin of Zoology Supplement, 27: 1–663.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. A checklist of the gobioid fishes of the world (Percomorpha: Gobiiformes). Iranian Journal of Ichthyology, 8 (Supplement 1): 1–480.
Tomiyama, I. 1936. Gobiidae of Japan. Japanese Journal of Zoology, 7 (1): 37–112.
Yanagisawa, Y. 1978. Studies on the interspecific relationship between gobiid fishes and snapping shrimp. I. Gobiid fishes associated with snapping shrimps in Japan. Publications of the Seto Marine Biological Laboratory, 24 (4/6): 269–325, pls. 1–3.

Scombroidei　サバ亜目
Gempylidae　クロタチカマス科
Tongaichthys robustus Nakamura & Fujii, 1983

Original description: Nakamura and Fujii (1983): 174, figs. 2–12.

Nakamura, I. and Fujii, E. 1983. A new genus and species of Gempylidae (Pisces: Perciformes) from Tonga Ridge. Publications of the Seto Marine Biological Laboratory, 27 (4/6): 173–191.

Paratypes (available): ZUMT 54254–ZUMT 54256(3), western South Pacific Tonga Ridge (22°10.8'S, 175°23.6'W); 288–312 m depth; 11 Jan. 1977; collected by R.V. *Kaiyo Maru*

Current status: Valid as *Tongaichthys robustus* Nakamura & Fujii, 1983

Randall, J. E., Williams, J. T., Smith, D. G., Kulbicki, M., Mou Tham, G., Labrosse, P., Kronen, M., Clua, E. and Mann, B. S. 2004. Checklist of the shore and epipelagic fishes of Tonga. Atoll Research Bulletin, 502: 1–35.

Xiphioidei　カジキ亜目
Istiophoridae　マカジキ科
Tetrapturus angustirostris Tanaka, 1915　フウライカジキ

Original description: Tanaka (1915): 324, pl. 88 (fig. 285).
田中茂穂．1915．日本産魚類図説，19: 319–342, pls. 91–95. [Tanaka, S. 1915. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 19: 319–342, pls. 91–95. (In Japanese and English)]

Holotype (lost): ZUMT 4187, Funakata, Tateyama City, Chiba Pref., Japan（千葉県館山市船形）

Remarks: The original description designated ZUMT 4187 as the holotype. The specimen cannot be found at this time, and it was determined that it was lost.
原記載はホロタイプに ZUMT 4187 を指定した．現時点でこの標本は確認できないため，紛失したと判断した．

Current status: Valid as *Tetrapturus angustirostris* Tanaka, 1915　フウライカジキ
畑　晴陵・本村浩之．2015．標本に基づくマカジキ科魚類フウライカジキ *Tetrapturus angustirostris* の琉球列島からの記録．Nature of Kagoshima, 41: 153–156. [Hata, H. and Motomura, H. 2015. First record of *Tetrapturus angustirostris* (Perciformes: Istiophoridae) from the Ryukyu Islands on the basis of the collected specimen. Nature of Kagoshima, 41: 153–156. (In Japanese)]
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Nakamura, I. 1983. Systematics of the billfishes (Xiphiidae and Istiophoridae). Publications of the Seto Marine Biological Laboratory, 28 (5/6): 255–396.
Psomadakis, P., Thein, H., Russell B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.

Channoidei　タイワンドジョウ亜目
Channidae　タイワンドジョウ科
Channa formosana Jordan & Evermann, 1902

Original description: Jordan and Evermann (1902): 331, fig. 1.
Jordan, D. S. and 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.

Paratype (available): ZUMT 21677(1), Suwato, Taiwan

Remarks: The original description states that “one specimen of No. 5075, was, now numbered 7132, Stanford University Museum; others, No. 269 was from Suwata”. Due to some mistake, these two specimens were registered in the ZUMT collection. One is that the specimen No. 5075 (metal tag), which is originally the SU 7132 of the Stanford University Museum as a holotype, is in the ZUMT5470, and the other, which is the paratype, the No. 269 (metal tag) from Suwata is in the ZUMT21677. It was registered. The holotype specimen SU 7132 (metal tag No. 5075=ZUMT5470) was transferred from ZUMT to CAS (CAS-SU 107132) in August 1985.

原記載には，「one specimen of No. 5075, was, now numbered 7132, Stanford University Museum; others, No. 269 was from Suwata」とある．何らかの手違いから ZUMT コレクションにこの 2 つの標本が登録されていた．1 つは，ホロタイプとしてスタンフォード大学博物館の SU7132 となる No. 5075（金属タグ）が ZUMT 5470 に，またパラタイプとなるもう 1 つ，Suwata 産の No. 269（金属タグ）は，ZUMT21677 に登録されていた．ホロタイプである SU 7132（金属タグ No. 5075=ZUMT5470）は，1985 年 8 月に ZUMT から CAS（CAS-SU 107132）に移管された．

Current status: Synonym of *Channa asiatica* (Linnaeus, 1758)　コウタイ

Courtenay, W. R., Jr. and Williams, J. D. 2004. Snakeheads (Pisces, Channidae) — a biological synopsis and risk assessment. Circular, U. S. Department of the Interior, Geological Survey, 1251: v + 1–143.

Kottelat, M. 2013. The fishes of the inland waters of Southeast Asia: a catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. Raffles Bulletin of Zoology Supplement, 27: 1–663.

Pleuronectiformes　カレイ目

Bothidae　ダルマガレイ科

Asterorhombus stellifer Tanaka, 1915　セイテンビラメ

Original description: Tanaka (1915): 567.

田中茂穂．1915．日本産魚類の十新種．動物学雑誌，27 (325): 565–568. [Tanaka, S. 1915. Ten new species of Japanese fishes. Zoological Magazine Tokyo, 27 (325): 565–568. (In Japanese)]

Holotype (lost): ZUMT 6569, Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko（長崎県長崎市場，金子一狼採集）

Remarks: There is no holotype designation in the original description. ZUMT 6569 is the only specimen whose scientific name and collection data match the records in the ZUMT specimen ledger, and is the holotype in the holotype (ICZN Art. 73.1.2). No specimen was found at this time, and it was determined that it was lost.

原記載にはホロタイプの指定がない．ZUMT 6569 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本であり，ホロタイプである（ICZN Art. 73.1.2）．現時点では標本は特定されておらず，紛失したと判断した．

Current status: Synonym of *Asterorhombus intermedius* (Bleeker, 1865)　セイテンビラメ

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.

尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]

Amaoka, K. and Ho, H.-C. 2019. The lefteye flounder family Bothidae (order Pleuronectiformes) of Taiwan. Zootaxa, 4702 (1): 155–215.

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese)]

Platophrys kiensis Tanaka, 1918　キシュウダルマ

Original description: Tanaka (1918): 225.
田中茂穂．1918．日本産魚類の十二新種．動物学雑誌，30 (356): 223–227. [Tanaka, S. 1918. Twelve new species of Japanese fishes. Zoological Magazine Tokyo, 30 (356): 223–227. (In Japanese)]

Holotype (available): ZUMT 8313, Tanabe, Wakayama Pref., Japan; collected by N. Ui［紀伊國田邊（和歌山県田辺市），宇井縫蔵採集］

Remarks: There is no type designation in the original description. ZUMT 8313 is the only specimen whose scientific name and collection data match from the records in the ZUMT specimen ledger. ZUMT 8313 is the holotype (ICZN Art. 73.1.2). This specimen has two cloth tags with the registration number "8313" and "Sketch No. 401".
原記載にはタイプの指定がない．ZUMT 6569 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 8313 はホロタイプである（ICZN Art. 73.1.2）．この標本に登録番号の「8313」と「写生番号 401 号」と書かれた 2 つの布タグが付いている．

Current status: Valid as *Parabothus kiensis* (Tanaka, 1918)　キシュウダルマガレイ
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.
尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
Amaoka, K. and Ho, H.-C. 2019. The lefteye flounder family Bothidae (order Pleuronectiformes) of Taiwan. Zootaxa, 4702 (1): 155–215.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]
大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
玉井隆章・荒尾一樹．2021．愛知県一色漁港に水揚げされた魚類（第 4 報）．豊橋市自然史博物館研究報告，31: 45–55. [Tamai, T. and Arao, K. 2021. Landing Fishes on Isshiki Fishing Port, Aichi Prefecture (part IV). Sci. Rep. Toyohashi Mus. Nat. Hist., No. 31, 45–55. (In Japanese)]
Voronina, E. P. and Causse, R. 2014. New record of the bothid flounder *Parabothus taiwanensis* (Bothidae, Pleuronectiformes) from the southern Pacific Ocean (Vanuatu Archipelago) with description of a new diagnostic character. Cybium, 38 (2): 149–152.

Scaeops kanekonis Tanaka, 1918　カネコダルマ

Original description: Tanaka (1918): 226.
田中茂穂．1918．日本産魚類の十二新種．動物学雑誌，30 (356): 223–227. [Tanaka, S. 1918. Twelve new species of Japanese fishes. Zoological Magazine Tokyo, 30 (356): 223–227. (In Japanese)]

Holotype (available): ZUMT 8314, Nagasaki Market, Nagasaki Pref., Japan; collected by I. Kaneko（長崎県長

崎市場，金子一狼採集）

Remarks: There is no holotype designation in the original description. ZUMT 8314 is the only specimen whose scientific name and collection data match from the records in the ZUMT specimen ledger. ZUMT 8314 is holotype (ICZN Art. 73.1.2). This specimen has two cloth tags with the registration number "8314" and "Sketch No. 199".
原記載にはホロタイプの指定がない．ZUMT 8314 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 8314 はホロタイプである（ICZN Art. 73.1.2）．この標本に登録番号の「8314」と「写生番号 199 号」と書かれた 2 つの布タグが付いている．

Current status: Synonym of *Crossorhombus azureus* (Alcock, 1889)　カネコダルマガレイ
尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
Amaoka, K. and Ho, H.-C. 2019. The lefteye flounder family Bothidae (order Pleuronectiformes) of Taiwan. Zootaxa, 4702 (1): 155–215.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese)]

Scaeops ui Tanaka, 1918　ウイダルマ

Original description: Tanaka (1918): 226.
田中茂穂．1918．日本産魚類の十二新種．動物学雑誌，30 (356): 223–227. [Tanaka, S. 1918. Twelve new species of Japanese fishes. Zoological Magazine Tokyo, 30 (356): 223–227. (In Japanese)]

Holotype (available): ZUMT 8315, Tanabe, Wakayama Pref., Japan; collected by N. Ui［紀伊國田邊（和歌山県田辺市）宇井縫蔵採集］

Remarks: There is no type designation in the original description. ZUMT 8315 is the only specimen whose scientific name and collection data match from the records in the ZUMT specimen ledger. ZUMT 8315 is the holotype (ICZN Art. 73.1.2). This specimen has two cloth tags with the registration number "8315" and "Sketch No. 400".
原記載にはタイプの指定がない．ZUMT 8315 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 8315 はホロタイプである（ICZN Art. 73.1.2）．この標本に登録番号の「8315」と「写生番号 400 号」と書かれた 2 つの布タグが付いている．

Current status: Synonym of *Crossorhombus kobensis* (Jordan & Starks, 1906)　コウベダルマガレイ
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.
尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
Amaoka, K. and Ho, H.-C. 2019. The lefteye flounder family Bothidae (order Pleuronectiformes) of Taiwan. Zootaxa, 4702 (1): 155–215.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出

版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]
大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese with English abstract)]
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Scidorhombus pallidus Tanaka, 1915　ウスガレイ

Original description: Tanaka (1915): 567.
田中茂穂．1915．日本産魚類の十新種．動物学雑誌，27 (325): 565–568. [Tanaka, S. 1915. Ten new species of Japanese fishes. Zoological Magazine Tokyo, 27 (325): 565–568. (In Japanese)]

Syntypes (lost): ZUMT 6569–ZUMT 6572 (4), Nagasaki Market, Nagasaki Pref., Japan; Sept. 1915; collected by Ichiro Kaneko（長崎県長崎市場，大正 4 年 9 月，金子一狼採集）

Remarks: There is no type designation in the original description. From the ZUMT specimen ledger, there were records of four specimens, ZUMT 6570–ZUMT 6573, whose scientific names and collection data match. These specimens are syntypes (ICZN Art. 72.1.1, 73.2). The writing of ZUMT 6573 was "D. 93, A. ~~75~~ 74, Scales in eye side rather weakly. Scales 42 in a long series. Scales and blind side cycloid". The content of this writing was consistent with the original description, except for the anal fin rays. No specimen was found at this time, and it was determined that it was lost.

原記載にはタイプの指定がない．ZUMT 標本台帳から学名と収集データが一致する 4 標本 ZUMT 6570–ZUMT 6573 の記録があった．これらの標本はシンタイプである（ICZN Art. 72.1.1, 73.2）．ZUMT 6573 の書き込みは「D. 93, A. ~~75~~ 74, Scales in eye side rather weakly. Scales 42 in a long series. Scales an blind side cycloid」とあった．この書き込みの内容は，臀鰭軟条以外，原記載に一致した．残念ながら，現時点では標本は特定されておらず，紛失したと判断した．

Current status: Synonym of *Arnoglossus tenuis* Günther, 1880　ナガダルマガレイ
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.
尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese with English abstract)]

Pleuronectidae　カレイ科

Microstomus kitaharae Jordan & Starks, 1904

Original description: Jordan and Starks (1904): 625, pl. 7, fig. 2.

Jordan, D. S. and Starks, E. C. 1904. List of fishes dredged by the steamer Albatross off the coast of Japan in the summer of 1900, with descriptions of new species and a review of the Japanese Macrouridae. Bulletin of the U. S. Fish Commission 22 [1902]: 577–630, pls. 1–8.

Paratypes (available in poor condition): ZUMT 5599 (3), Tokyo Market, Tokyo, Japan; collected by D. S. Jordan（東京都東京市場，D. S. Jordan 採集）

Remarks: In ZUMT 5599 of the ZUMT specimen ledger, there was a description of "*Glyptocephalus kitaharae*, Jordan" and "Several, Cotype, from Tokyo market". In the original description of the scientific name written in the ledger, there was a description "Others were collected by Jordan and Snyder in the market at Tokyo, several of which were incorporated as cotypes in the Imperial University at Tokyo". These specimens are paratypes (ICZN Art. 72.4.1.1, 72.4.6).

ZUMT 標本台帳の ZUMT 5599 に「*Glyptocephalus kitaharae*, Jordan」，「Several, Cotype, from Tokyo market」の記述があった．台帳に書き込まれた学名の原記載（Jordan and Starks, 1904: p. 626）には「Others were collected by Jordan and Snyder in the market at Tokyo, several of which were deposited as cotypes in the Imperial University at Tokyo」と記載されており，これらの標本はパラタイプである（ICZN Art. 72.4.1.1, 72.4.6）．

Current status: Valid as *Tanakius kitaharae* (Jordan & Starks, 1904)　ヤナギムシガレイ

尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese)]

岡村　収・尼岡邦夫・三谷文夫（編）．1982．九州一パラオ海嶺ならびに土佐湾の魚類．日本水産資源保護協会，東京，436 pp. [Okamura, O., Amaoka, K. and Mitani, F. (eds). 1982. Fishes of the Kyushu–Palau Ridge and Tosa Bay. The intensive research of unexploited fishery resources on continental slopes. Japan Fisheries Resource Conservation Association, Tokyo. 435 pp. (In Japanese and English; various authors)]

岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]

山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Pluviopsetta taniguchii Tanaka, 1916　セグロ

Original description: Tanaka (1916): 142.

田中茂穂．1916．日本産魚類の三新種．動物学雑誌，28 (330): 141–144. [Tanaka, S. 1916. Three new species of Japanese fishes. Zoological Magazine Tokyo, 28 (330): 141–144. (In Japanese)]

Holotype (available): ZUMT 7077, Obama, Fukui Pref., Japan; around 3 Mar. 1916; collected by Naotaro Taniguchi［若州小濱（福井県小浜市），大正 5 年 3 月 3 日頃，谷口直太郎採集］

Remarks: There is no type designation in the original description. ZUMT 7077 is the only specimen whose scientific name and collection data match from the records in the ZUMT specimen ledger. ZUMT 7077 is the holotype (ICZN Art. 73.1.2). This specimen has two cloth tags with the registration number "7077" and "Sketch No. 318".
原記載にはタイプの指定がない．ZUMT 7077 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 7077 はホロタイプである（ICZN Art. 73.1.2）．この標本には登録番号の「7077」と「写生番号 318 号」と書かれた 2 つの布タグが付いていた．

Current status: Synonym of *Pseudopleuronectes yokohamae* (Günther, 1877)　マコガレイ
尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
Evseenko, S. A. 2004. Family Pleuronectidae Cuvier 1816 — righteye flounders. California Academy of Sciences Annotated Checklists of Fishes, 37: 1–37.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press,Hadano. 2530 pp. (In Japanese)]
大橋祐太・本村浩之．2011．大隅諸島以北の鹿児島県におけるカレイ目魚類相．Nature of Kagoshima, 37: 71–118. [Ohashi, Y. and Motomura, H. 2011. Pleuronectiform fishes of northern Kagoshima Prefecture, Japan. Nature of Kagoshima, 37: 71–118. (In Japanese)]
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Reinhardtius oleosus Tanaka, 1918　フユガレイ

Original description: Tanaka (1918): 226.
田中茂穂．1918．日本産魚類の十二新種．動物学雑誌，30 (356): 223–227. [Tanaka, S. 1918. Twelve new species of Japanese fishes. Zoological Magazine Tokyo, 30 (356): 223–227. (In Japanese)]

Holotype (lost): ZUMT uncatalogued, Tokyo Market, Tokyo, Japan (Iwaki, Fukushima Pref.?)［東京都東京市場（福島県いわき市？）］

Remarks: There is no type designation in the original description. There is no record of the corresponding specimen in the ZUMT specimen ledger, and there is no specimen that matches the description in the ZUMT collection.
原記載にはタイプの指定がない．ZUMT 標本台帳に該当する標本の記録がなく，ZUMT コレクションにも記載に一致する標本がない．

Current status: Synonym of *Reinhardtius hippoglossoides* (Walbaum, 1792)　アブラガレイ
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.
尼岡邦夫・仲谷一宏・矢部　衛．2011．北海道の全魚類図鑑．北海道新聞社，札幌．482 pp. [Amaoka, K., Nakaya, K. and Yabe, M. 1995. Fishes of Hokkaido. The Hokkaido Shimbun Press, Sapporo. 482 pp. (In Japanese)]

尼岡邦夫．2016．日本産ヒラメ・カレイ類．東海大学出版部，秦野．236 pp. [Amaoka, K. 2016. Flatfishes of Japan. Tokai University Press, Hadano. 236 pp. (In Japanese)]
Evseenko, S. A. 2004. Family Pleuronectidae Cuvier 1816 - righteye flounders. California Academy of Sciences Annotated Checklists of Fishes, 37: 1–37.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Soleidae　ササウシノシタ科

Aseraggodes orientalis Randall & Senou, 2007

Original description: Randall and Senou (2007): 307, fig. 5

Randall, J. E. and Senou, H. 2007. Two new soles of the genus *Aseraggodes* (Pleuronectiformes: Soleidae) from Taiwan and Japan. Zoological Studies, 46 (3): 303–310.

Holotype (available): ZUMT 59828, between Shirahama and Kinohana, east of Kashiwa-jima, Kochi Pref., Japan; 6 June 1992; sand, 3 m depth; hand net; collected by Akihisa Iwata（高知県柏島東方，平成 4 年 6 月 6 日，岩田明久採集）

Paratype (available): ZUMT 59827 (1), off Aka-tōdai, Kashiwa-jima, Kochi Pref., Japan; 13 Aug. 1991; 2–23 m depth; hand net; collected by Akihisa Iwata（高知県柏島，平成 3 年 8 月 13 日，岩田明久採集）

Remarks: The original description written the type locality as “Kashima-jima”, but is miss-spelling of “Kashiwa-jima” (This list has been corrected).
原記載にタイプ産地として示された“Kashima-jima”は“Kashiwa-jima [柏島]”の誤記である．（このリストは訂正済み）

Current status: Valid as *Aseraggodes orientalis* Randall & Senou, 2007　トウヨウウシノシタ

Randall, J. E., Bogorodsky, S. V. and Mal, A. O. 2013. Four new soles (Pleuronectiformes: Soleidae) of the genus *Aseraggodes* from the western Indian Ocean. Journal of the Ocean Science Foundation, 8: 1–17.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Tetraodontiformes　フグ目

Balistoidei　モンガラカワハギ亜目

Balistidae　モンガラカワハギ科

Balistes vidua kamoharai Abe, 1958　イレズミモンガラ

Original description: Abe (1958): 178.

Abe, T. 1958. Two new subspecies of fishes from the path of the "Kuro–Shiwo". Records of Oceanographic Works in Japan, Special., 2: 175–180.

Syntype (available): ZUMT 23700(1), Wakayama Pref., Kii Peninsula, Japan（和歌山県　紀伊半島）

Syntype (available): ZUMT 42402(1), Shimoda City, Shizuoka Pref. Japan（静岡県下田市）

Syntype (available): ZUMT 44407(1), unknown

Current status: Synonym of *Melichthys vidua* (Richardson, 1845)　クロモンガラ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次・町田吉彦・山岡耕作・西田清徳（編）．2001．以布利　黒潮の魚．大阪海遊館，大阪．300 pp. [Nakabo, T., Machida, Y., Yamaoka, K. and Nishida, K. (eds). 2001. Fishes of the Kuroshio Current, Japan. Osaka Aquarium KAIYUKAN, Osaka. 300 pp. (In Japanese and English)]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. Annotated checklist of fishes of the family Balistidae. International Journal of Zoological Investigations, 7 (2): 647–672.

Randall, J. E. and Klausewitz, W. 1973. A review of the triggerfish genus *Melichthys*, with description of a new species from the Indian Ocean. Senckenbergiana Biologica, 54 (1/3): 57–69.

Pachynathus nigromarginatus Tanaka, 1908

Original description: Tanaka (1908): 39, pl. 1 (fig. 4).

Tanaka, S. 1908. Notes on some Japanese fishes, with descriptions of fourteen new species. Journal of the College of Science. Imperial University, Tokyo 23 (7): 1–54, pls. 1–4.

Holotype (lost): ZUMT 958, off Misaki (Sagami Bay), Kanagawa Pref., Japan; 1905（神奈川県三崎　相模湾，明治 38 年）

Remarks: The original description designated the holotype as ZUMT 958. Since this specimen cannot be confirmed at this time, it was judged to be lost.

原記載はホロタイプを ZUMT 958 に指定した．現時点でこの標本は確認できないため，失われたと判断した．

Current status: Synonym of *Balistoides viridescens* (Bloch & Schneider, 1801)　ゴマモンガラ

久新健一郎・尼岡邦夫・仲谷一宏・井田　斉・谷野保夫・千田哲資．1982．南シナ海の魚類．海洋水産資源開発センター，東京．335pp. [Kyushin, K., Amaoka, K., Nakaya, K., Ida, H., Tanino Y. and Senta, T. 1982. Fishes of the South China Sea. Japan Marine Fishery Resource Research Center, Tokyo, 333 pp. (In Japanese and English; various authors)]

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Parenti, P. 2021. Annotated checklist of fishes of the family Balistidae. International Journal of Zoological Investigations, 7 (2): 647–672.

Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.

Xanthichthys gotonis Tanaka, 1918　ゴトウモンガラ

Original description: Tanaka (1918): 481, pl. 131, fig. 372.
田中茂穂．1918．日本産魚類図説，27: 475–494, pls. 131–135. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 27: 475–494, pls. 131–135. (In Japanese and English)]

Holotype (lost): ZUMT 7626, Tokyo Market (come from Izu), Tokyo, Japan; May 1917（東京都東京市場，大正 6 年 5 月）
Paratypes (lost): ZUMT 7627–ZUMT 7629 (3), same as holotype

Remarks: The original description designated ZUMT 7626 as the holotype. The original description states that "there are many other specimens," and it is clear that multiple specimens were investigated. Holotype records were listed in the ZUMT specimen ledger as "7626–7629" in sequence. ZUMT 7626 is a holotype, and ZUMT 7627 to 7629 are paratypes (ICZN Art. 72.4.5). Unfortunately, the specimen has not been located at this time, and was judged to have been lost.
原記載はホロタイプに ZUMT 7626 を指定した．原記載には「他に多くの標本がある」とあり，複数の標本を調査したことは明らかである．ホロタイプの記録は，ZUMT 標本台帳に「7626–7629」と連番で記述されていた．ZUMT 7626 はホロタイプ，ZUMT 7627–7629 はパラタイプとなる（ICZN Art. 72.4.5）．残念ながら，現時点では標本は特定されておらず，紛失したと判断した．

Current status: Synonym of *Xanthichthys mento* (Jordan & Gilbert, 1882)　ナメモンガラ
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. Annotated checklist of fishes of the family Balistidae. International Journal of Zoological Investigations, 7 (2): 647–672.
Randall, J. E., Matsuura, K. and Zama, A. 1978. A revision of the triggerfish genus *Xanthichthys*, with description of a new species. Bulletin of Marine Science, 28 (4): 688–706.

Xanthichthys purus Tanaka, 1918　ナメモンガラ

Original description: Tanaka (1918): 484, pl. 133 (fig. 374).
田中茂穂．1918．日本産魚類図説，27: 475–494, pls. 131–135. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 27: 475–494, pls. 131–135. (In Japanese and English)]

Holotype (lost): ZUMT 7625, Tokyo Market, Tokyo, Japan. May 1917（東京都東京市場，大正 6 年 5 月）

Remarks: The original description designated ZUMT 7625 as the holotype. Since this specimen cannot be found at this time, it was judged to be lost.
原記載はホロタイプに ZUMT 7625 を指定した．現時点でこの標本は確認できないため，失われたと判断した．

Current status: Synonym of *Xanthichthys mento* (Jordan & Gilbert, 1882)　ナメモンガラ
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds).

1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Parenti, P. 2021. Annotated checklist of fishes of the family Balistidae. International Journal of Zoological Investigations, 7 (2): 647–672.
Randall, J. E., Matsuura, K. and Zama, A. 1978. A revision of the triggerfish genus *Xanthichthys*, with description of a new species. Bulletin of Marine Science, 28 (4): 688–706.

Monacanthidae　カワハギ科

Cantherines nigromaculosus Tanaka, 1912　サラサハギ

Original description: Tanaka (1912): 144, pls. 38 (fig. 145), 39 (fig. 148), 40 (fig. 155).
田中茂穂．1912．日本産魚類図説，8: 129–144, pls. 36–40. [Tanaka, S. 1912. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 8: 129–144, pls. 36–40. (In Japanese and English)]

Holotype (lost): ZUMT 3340, off Misaki (Sagami Bay), Kanagawa Pref., Japan（神奈川県三崎　相模湾）

Remarks: The original description designated ZUMT 3340 as the holotype. Since this specimen cannot be found at this time, it was judged to be lost.
原記載はホロタイプに ZUMT 3340 を指定した．現時点でこの標本は確認できないため，失われたと判断した．

Current status: Synonym of *Thamnaconus hypargyreus* (Cope,1871)　サラサハギ
Dyldin, Yu. V. and Orlov, A. M. 2017. Ichthyofauna of fresh and brackish waters of Sakhalin Island: an annotated list with taxonomic comments: 4. Pholidae–Tetraodontidae families. Journal of Ichthyology, 57 (2): 183–218.
松浦啓一．1989．サラサハギの学名と和名．魚類学雑誌，36 (2): 285–286. (Matsuura, K. 1989. Scientific name and Japanese name of Sarasahagi. Japanese Journal of Ichthyology, 36 (2): 285–286. (In Japanese)]
Matsuura, K. 2014. Taxonomy and systematics of tetraodontiform fishes: a review focusing primarily on progress in the period from 1980 to 2014. Ichthyological Research, 62 (1): 72–113. [First appeared online [1-42], printed version appeared on 24 Jan. 2015.]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Pseudomonacanthus multilineatus Tanaka, 1918　センウマヅラ

Original description: Tanaka (1918): 478, pl. 132 (fig. 373).
田中茂穂．1918．日本産魚類図説，27: 475–494, pls. 131–135. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 27: 475–494, pls. 131–135. (In Japanese and English)]

Holotype (lost): ZUMT 8193, Tokyo Market, Tokyo, Japan（東京都東京市場）

Remarks: The original description designated ZUMT 8193 as the holotype. Since this specimen cannot be found at this time, it was judged to be lost.
原記載はホロタイプに ZUMT 8193 を指定した．現時点でこの標本は確認できないため，失われたと判断した．

Current status: Valid as *Thamnaconus multilineatus* (Tanaka, 1918)　センウマヅラハギ
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
松本達也・前川隆則・本村浩之．2021．薩南諸島初記録のカワハギ科ウマヅラハギ属 3 種（アズキウマヅラハギ・センウマヅラハギ・ゴイシウマヅラハギ），および *Cantherhines* に対する標準和名ハクセイハギ属（新称）の提唱. Ichthy, Natural History of Fishes of Japan, 12: 12–19. [Matsumoto, T., Maekawa, T. and Motomura, H. 2021. First records of three species of the genus *Thamanaconus*, *T. fijiensis*, *T. multilineatus*, and *T. tessellatus*, from the Satsunan Islands, Japan, and a new standard Japanese name for the genus *Cantherhines* (Tetraodontiformes: Monacanthidae). Ichthy, Natural History of Fishes of Japan, 12: 12–19. (In Japanese with English abstract)]
Motomura, H., Alama, U. B., Muto, N., Babaran, R. P. and Ishikawa, S. (eds). 2017. Commercial and bycatch market fishes of Panay Island, Republic of the Philippines. The Kagoshima University Museum, Kagoshima, University of the Philippines Visayas, Iloilo, and Research Institute for Humanity and Nature, Kyoto, Japan. 1–246.
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Psomadakis, P., Thein, H., Russell B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.

Aracanidae　イトマキフグ科
Polyplacapros tyleri Fujii & Uyeno, 1979

Original description: Fujii and Uyeno (1979): 4, figs. 3–6.
Fujii, E. and Uyeno, T. 1979. *Polyplacapros tyleri*, a new genus and species of ostraciid trunkfish from off eastern Australia and Norfolk Ridge. Japanese Journal of Ichthyology, 26 (1): 1–10.

Paratype (lost): ZUMT 54171 (1, ex FSFL ED404, male, 266 mm SL), ZUMT 54172 (1, ex FSFL EB715, female, 278 mm SL, stained in alizarin Red S.), Sea mount off eastern Australia, 33°04.0'S, 156°13.2'E; 132 m depth; 28 Dec. 1975; trawl no. T64
Paratype (lost): ZUMT 54173 (1, ex FSFL ED124, male, 206 mm SL, stained in alizarin Red S.), Sea mount off eastern Australia, 32°28.2' S, 167°28.1' E; 122 m depth; 13 Jan. 1976; trawl no. T 73
Paratype (lost): ZUMT 54174 (1, ex FSFL ED133, male, 167 mm SL), Sea mount off eastern Australia, 32°28.2' S, 167°28.1' E; 122 m depth; 13 Jan. 1976; trawl no. T 73
Paratype (lost): ZUMT 54175 (1, ex FSFL EE454, male, 184 mm SL), Sea mount off eastern Australia, 32°42.6' S, 167°31.7' E; 145 m depth; 21 Dec. 1976; trawl no. T 9
Paratype (lost): ZUMT 54176 (1, ex FSFL EE542, male, 226 mm SL), Sea mount off eastern Australia, 32°32.2' S, 167°31.6' E; 110 m depth; 22 Dec. 1976; trawl no. T13

Remarks: The cloth tags of the ZUMT registration number are kept by themselves and are not attached to the

specimen. These paratypes have not been delivered to ZUMT and their current whereabouts are unknown.
　ZUMT の登録番号の布タグが保管されており，標本には付けられていない．これらのパラタイプは，ZUMT に届いておらず，現在の所在は不明.

Current status: Valid as *Polyplacapros tyleri* Fujii & Uyeno, 1979　ナガイトマキフグ
尼岡邦夫・松浦啓一・稲田伊史・武田正倫・畑中　寛・岡田啓介（編）．1990．ニユージーランド海域の水族，深海丸により採集された魚類・頭足類・甲殻類．海洋水産資源開発センター，東京．411 pp. [Amaoka, K., Matsuura, K., Inada, T., Takeda, M., Hatanaka, H. and Okada, K. (Eds). 1990. Fishes collected by the R/V *Shinkai Maru* around New Zealand. Japan Marine Fishery Resource Research Center, Tokyo. 411 pp. (In Japanese and English; various authors)]
Matsuura, K. 2014. Taxonomy and systematics of tetraodontiform fishes: a review focusing primarily on progress in the period from 1980 to 2014. Ichthyological Research, 62 (1): 72–113. [First appeared online [1-42], printed version appeared on 24 Jan. 2015.]
Paulin, C. D., Stewart, A. L., Roberts, C. D. and McMillan, P. J. 1989. New Zealand fishes a complete guide. National Museum of New Zealand Miscellaneous Series. 19: i–xiv + 1–279, 8 pls.

Tetraodontidei　フグ亜目
Tetraodontidae　フグ科
Fugu vermicularis snyderi Abe, 1988　ショウサイフグ

Original description: Abe (1988): 13.
Abe, T. 1988. A new scientific name for a Japanese common tetraodontid fish. UO (Japanese Society of Ichthyologists), 38: 13–14.

Holotype (available): ZUMT 7186, Tokyo Market, Tokyo, Japan（東京都東京市場）

　Remarks: The holotype of this species was illustrated in Tanaka (1916: 24: 435–438, pl. 120, fig. 347) (as *Sphoeroides vermicularis*).
　本種のホロタイプは，田中（1916: 24: 435–438, pl. 120, fig. 347）で図示された標本である（*Sphoeroides vermicularis* として）.

Current status: Valid as *Takifugu snyderi* (Abe, 1988)　ショウサイフグ
Dyldin, Yu. V., Matsuura, K. and Makeev, S. S. 2016. Comments on puffers of the genus *Takifugu* from Russian waters with the first record of yellowfin puffer, *Takifugu xanthopterus* (Tetraodontiformes, Tetraodontidae) from Sakhalin Island. Bulletin of the National Museum of Natural Science, Ser. A., Supplement, 42 (3): 133–141.
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I–III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
田中茂穂．1916．日本産魚類図説，24: 419–440, pls. 116–120. [Tanaka, S. 1916. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 24: 419–440, pls. 116–120. (In Japanese and English)]

Lagocephalus exilis Tanaka, 1916　クマサカフグ

Original description: Tanaka (1916): 27.
田中茂穂．1916．日本産魚類の四新種．動物学雑誌，28 (327): 26–28. [Tanaka, S. 1916. Four new species

of Japanese fishes. Zoological Magazine Tokyo, 28 (327): 26–28. (In Japanese)]

Holotype (available): ZUMT 6202, Tokyo Market, Tokyo, Japan（東京都東京市場）

Remarks: There is no holotype designation in the original description. ZUMT6202 is the only specimen whose scientific name and collected data match from the records in the ZUMT specimen ledger. This specimen is the holotype (ICZN Art. 72.4.1.1, 73.1.2). Tanaka (1916: 23: 412–414, pl. 112, fig. 335) described and illustrated the holotype of this species ("Kumasakafugu").

原記載にはホロタイプの指定がない．ZUMT6202 は ZUMT 標本台帳の記録と原記載の学名，採集データが一致する唯一の標本である．この標本がホロタイプである（ICZN Art. 72.4.1.1, 73.1.2）．田中（1916: 23: 412–414, pl. 112, fig. 335）は，この種（クマサカフグ）のホロタイプを記載し，図を掲載した．

Current status: Synonym of *Lagocephalus lagocephalus* (Linnaeus, 1758)　クマサカフグ

尼岡邦夫・仲谷一宏・矢部　衛．2011．北海道の全魚類図鑑．北海道新聞社，札幌．482 pp. [Amaoka, K., Nakaya, K. and Yabe, M. 1995. Fishes of Hokkaido. The Hokkaido Shimbun Press, Sapporo. 482 pp. (In Japanese)]

畑　晴陵・伊東正英・本村浩之．2016．鹿児島県から得られたフグ科魚類クマサカフグ *Lagocephalus lagocephalus*．Nature of Kagoshima, 42: 333–338. [Hata, H., Itou, M. and Motomura, H. 2016. First records of *Lagocephalus lagocephalus* (Tetraodontiformes: Tetraodontidae) from Kagoshima Prefecture, southern Japan. Nature of Kagoshima, 42: 333–338. (In Japanese)]

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]

中坊徹次・町田吉彦・山岡耕作・西田清徳（編）．2001．以布利　黒潮の魚．大阪海遊館，大阪．300 pp. [Nakabo, T., Machida, Y., Yamaoka, K. and Nishida, K. (eds). 2001. Fishes of the Kuroshio Current, Japan. Osaka Aquarium KAIYUKAN, Osaka. 300 pp. (In Japanese and English)]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.

田中茂穂．1916．日本産魚類図説，23: 399–418, pls. 111–115. [Tanaka, S. 1916. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 23: 399–418, pls. 111–115. (In Japanese and English)]

Wu, R.-X., Liu, J. and Ning, P. 2011. A new record species of the head rabbit puffer, *Lagocephalus lagocephalus* (Linnaeus, 1758) from China seas. Acta Zootaxonomica Sinica, 36 (3): 622–626.

Lagocephalus gloveri Abe & Tabeta, 1983

Original description: Abe and Tabeta (1983): 2, pls. 1–3.

Abe, T. and Tabeta, O. 1983. Description of a new swellfish of the genus *Lagocephalus* (Tetraodontidae, Teleostei) from Japanese waters and the East China Sea. UO (Japanese Society of Ichthyologists), 32: 1–8, pls. 1–3.

Holotype (available): ZUMT 54324, Futo, Ito City, Shizuoka Pref., Japan（静岡県伊東市富戸）

Paratype (available): ZUMT 54325 (1), same as holotype

Remarks: The Japanese name ”Kurosabafugu” was proposed by Shiomi et al. (1980) based on ZUMT 54311 from the East China Sea (off Fuzhou, China; captured in March 1980).
和名「クロサバフグ」は，塩見・他（1980）により東シナ海産（福州沖，1980 年 3 月採捕）の ZUMT 54311 を基に提唱された．

Current status: Synonym of *Lagocephalus cheesemanii* (Clarke, 1897)　クロサバフグ

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
Matsuura, K. and Satoh, T. P. 2016. Redescription of *Lagocephalus cheesemanii* (Clarke 1897), a senior synonym of *Lagocephalus gloveri* Abe and Tabeta 1983, based on morphological and genetic comparisons (Actinopterygii: Tetraodontiformes: Tetraodontidae). Ichthyological Research, 64 (1): 104–110.
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次・町田吉彦・山岡耕作・西田清徳（編）．2001．以布利　黒潮の魚．大阪海遊館，大阪．300 pp. [Nakabo, T., Machida, Y., Yamaoka, K. and Nishida, K. (eds). 2001. Fishes of the Kuroshio Current, Japan. Osaka Aquarium KAIYUKAN, Osaka. 300 pp.(In Japanese and English)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]
Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.
塩見一雄・山中英明・菊池武昭・河端稔治・阿部宗明・北浜喜一．1980．中国産サンサイフグ（新称）及びクロサバフグ（新称）の毒性について．UO (Japanese Society of Ichthyologists), 31: 21–26, pl. II. (Shiomi, K., Yamanaka, H., Kikuchi, T., Kawabata, T., Abe, T. and Kitahama, K. 1980. On the toxicity of *Fugu flavidus* Li, Wang & Wang and *Lagocephalus lunaris* subsp. UO (Japanese Society of Ichthyologists), 31: 21–26, pl. II. (In Japanese)]
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Lagocephalus wheeleri Abe, Tabeta & Kitahama, 1984　シロサバフグ

Original description: Abe, Tabeta and Kitahama (1984): 4, pls. 2–3.

Abe, T., Tabeta, O. and Kitahama, K. 1984. Notes on some swellfishes of the genus *Lagocephalus* (Tetraodontidae, Teleostei) with description of a new species from Japan. UO (Japanese Society of Ichthyologists), 34: 1–10, pls. 1–3.

Holotype (available): ZUMT 54368, off Manazuru (Sagami Bay), Kanagawa Pref., Japan; 29 July 1983; collected by trap-net set（神奈川県真鶴　相模湾，昭和 58 年 7 月 29 日）
Paratype (available): ZUMT 54369 (1), same as holotype

Current status: Synonym of *Lagocephalus spadiceus* (Richardson, 1845)　シロサバフグ

尼岡邦夫・仲谷一宏・矢部　衛．2011．北海道の全魚類図鑑．北海道新聞社，札幌．482 pp. [Amaoka, K., Nakaya, K. and Yabe, M. 1995. Fishes of Hokkaido. The Hokkaido Shimbun Press, Sapporo. 482 pp. (In Japanese)]
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
Matsuura, K. 2010. *Lagocephalus wheeleri* Abe, Tabeta & Kitahama, 1984, a junior synonym of *Tetrodon spadiceus* Richardson, 1845 (Actinopterygii, Tetraodontiformes, Tetraodontidae). Memories of the Natural Museum of Natural Sciences, Tokyo, 46: 39–46.
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚. xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次・町田吉彦・山岡耕作・西田清徳（編）．2001．以布利　黒潮の魚．大阪海遊館，大阪．300 pp. [Nakabo, T., Machida, Y., Yamaoka, K. and Nishida, K. eds. 2001. Fishes of the Kuroshio Current, Japan. Osaka Aquarium KAIYUKAN, Osaka. 300 pp. (In Japanese and English)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Spheroides moriwaki Tanaka, 1918　コメフグ

Original description: Tanaka (1918): 99.
田中茂穂．1918．日本産魚類の二新種．動物学雑誌，30 (353): 99–100. [Tanaka, S. 1918. Two new species of Japanese fishes. Zoological Magazine Tokyo, vol. 30 (353): 99–100. (In Japanese)]

Holotype (available): ZUMT 8214, Takashima, Shiribeshi, Hokkaido, Japan; 26 Sept. 1917; donated by I. Moriwaki（北海道後志國高島，大正 6 年 9 月 26 日，森脇幾茂寄贈）

Remarks: There is no type designation in the original description. ZUMT 8214 is the only specimen whose scientific name and collected data match from the records in the ZUMT specimen ledger. This specimen is holotype (ICZN Art. 72.4.1.1, 73.1.2).
原記載にタイプの指定がない．ZUMT 8214 は ZUMT 標本台帳の記録から学名と採集データが一致する唯一の標本である．ZUMT 8214 はホロタイプである（ICZN Art. 72.4.1.1, 73.1.2）．

Current status: Synonym of *Takifugu porphyreus* (Temminck & Schlegel, 1850)　マフグ
尼岡邦夫・仲谷一宏・矢部　衛．2011．北海道の全魚類図鑑．北海道新聞社，札幌．482 pp. [Amaoka, K., Nakaya, K. and Yabe, M. 1995. Fishes of Hokkaido. The Hokkaido Shimbun Press, Sapporo. 482 pp. (In Japanese)]
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
松原喜代松．1955．魚類の形態と検索 II．石崎書店，東京．vi + 791–1605 pp. [Matsubara, K. 1955. Fish morphology and hierarchy. Ishizaki–Shoten, Tokyo. Part 2: vi+791–1605 pp. (In Japanese)]
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017.

Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
岡村　収（編）．1985．沖縄舟状海盆及び周辺海域の魚類II．日本水産資源保護協会，東京．417–781 pp. [Okamura, O. (Ed). 1985. Fishes of the Okinawa Trough and the adjacent waters II. Japan Fisheries Resource Conservation Association, Tokyo. 417–781 pp. (In Japanese and English; various authors)]
山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Sphoeroides ocellatus obscurus Abe, 1949　メフグ

Original description: Abe (1949): 97, pl. 1, figs. 3–4, pl. 2, fig. 1.
Abe, T. 1949. Taxonomic studies on the puffers (Tetraodontidae, Teleostei) from Japan and adjacent regions — V. Synopsis of the puffers from Japan and adjacent regions. Bulletin of the Biogeographical Society of Japan, 14 (13): 89–140, pls. 1–2.

Holotype (available): ZUMT ABE 8015, central wholesale market of Tokyo (East China Sea or its adjoining waters); 2 June 1949
Paratypes (available): ZUMT 2079, ZUMT 66910(1, ex 2079'), Ichang, China
Paratypes (available): ZUMT 29800–ZUMT 29803(4), Korea
Paratype (lost): ZUMT 29804(1), Korea
Paratype (available): ZUMT ABE 8016 (1, skeleton), same as holotype

Current status: Valid as *Takifugu obscurus* (Abe, 1949)　メフグ
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Randall, J. E. and Lim, K. K. P. 2000. A checklist of the fishes of the South China Sea. Raffles Bulletin of Zoology Suppl., 8: 569–667.

Sphoeroides rubripes chinensis Abe, 1949　カラス

Original description: Abe (1949): 105, pl. 2, fig. 2.
Abe, T. 1949. Taxonomic studies on the puffers (Tetraodontidae, Teleostei) from Japan and adjacent regions — V. Synopsis of the puffers from Japan and adjacent regions. Bulletin of the Biogeographical Society of Japan, 14 (13): 89–140, pls. 1–2.

Holotype (available): ZUMT 48280 (previously ABE 7906), central wholesale market of Tokyo (East China Sea or its adjoining waters); 7 Feb. 1948
Paratype (available): ZUMT 6386(1), Nagasaki Market, Nagasaki Pref., Japan（長崎県長崎市場）
Paratype (available): ZUMT ABE 7926'(1), entral wholesale market of Tokyo (East China Sea or its adjoining waters).

Remarks: Registered in ZUMT 48280 in the ZUMT collection. ABE 7906 was re-registered as ZUMT 48280 in the ZUMT collection.
原記載ではホロタイプに ABE 7906 を指定したが，ABE 7906 は，ZUMT コレクションの ZUMT 48280 に再登録されていた．

The following 5 paratypes from the Abe collection are unknown.
以下の阿部コレクションのパラタイプ 5 標本は所在不明.
ABE 4515(1), Pusan, Korea; ABE 7919(1: skeleton), ABE 8006(1: Skull), ABE 8008(1: Skull), ABE 8009(1: skeleton), central wholesale market of Tokyo (East China Sea or its adjoining waters).

Current status: Valid as *Takifugu chinensis* (Abe, 1949)　カラス
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）. 1984. 日本産魚類大図鑑. 東海大学出版会, 東京. xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
松浦啓一. 2017. 日本産フグ類図鑑. 東海大学出版部, 平塚. xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
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Sphoeroides vermicularis radiatus Abe, 1948　ナシフグ

Original description: Abe (1948): 159, fig. 1.
阿部宗明. 1948[1947]. ショウサイフグ及びナメラフグに近いフグの一新型 *Sphoeroides vermicularis radiatus* form. nov.に就いて. 動物学雑誌, 57 (10): 159–161. [Abe, T. 1948[1947]. On a new puffer, *Sphoeroides vermicularis radiatus* form. nov. Zoological Magazine Tokyo, 57 (10): 159–161. (In Japanese)]

Holotype (available): ZUMT 18069, Ariake Sound, Japan（有明湾）
Paratype (available): ZUMT 2554 (1), Nagasaki Pref., Japan; 14 Nov. 1909（長崎県, 明治 42 年 11 月 14 日）
Paratype (available): ZUMT 2704 (1), Nagasaki Pref., Japan; Apr. 1910（長崎県, 明治 43 年 4 月）
Paratypes (available): ZUMT 7238 (1), ZUMT 7239 (1), Nagasaki Pref., Japan; collected by Ichiro Kaneko（長崎県, 金子一狼採集）
Paratype (available): ZUMT 13916 (1), Ariake Sound, Japan; 14 Dec. 1924（有明湾, 大正 13 年 12 月 14）
Paratype (available): ZUMT 16434 (1), Kaneura, Okayama Pref., Japan（岡山県金浦）
Paratype (available): ZUMT 17976 (1), ZUMT 18046 (1), Ariake Sound, Japan（有明湾）
Paratype (available): ZUMT 19636 (1), Genkai, Fukuoka Pref., Japan（福岡県玄海）
Paratype (available): ZUMT 44209 (1), South China Sea or Fukuoka Pref., Japan; 31 Oct. 1942（南シナ海または福岡県, 昭和 17 年 10 月 31 日）
Paratypes (available): ZUMT 46043 (7), Ariake Sound, Yanagawa, Fukuoka Pref., Japan; May 1931（福岡県柳川市　有明湾, 昭和 6 年 5 月）
Paratype (available): ZUMT 47626 (1), Misumi, Kumamoto Pref., Japan（熊本県三角）
Paratypes (available): ZUMT 47627 (22), Ariake Sound, Yanagawa, Fukuoka Pref., Japan; Oct. 1931; collected by Ichiro Tomiyama（福岡県柳川市　有明湾, 昭和 6 年 10 月, 富山一郎採集）
Paratypes (available): ZUMT 47628–ZUMT 47630 (3), Busan, Korea; 22 May 1935
Paratypes (available): ZUMT 47631 (5), ZUMT 47632 (3), ZUMT 47633 (1), Busan, Korea; 1 June 1935
Paratypes (available): ZUMT ABE 4938–ZUMT ABE 4939 (2), Nagasaki Pref., Japan; July–Aug. 1935; collected by Tokiharu Abe（長崎県, 昭和 10 年 7–8 月, 阿部宗明採集）
Paratypes (lost): ZUMT 47634–ZUMT 47638 (5), Zhoushan Islands, Zhejiang, China; 27 July 1942; collected by Ichiro Tomiyama.

Remarks: The original publication date of the Zoological Journal, Vol. 57, No. 10, in which the original

description appeared, is given as October 1947 on the cover and on the page header of the original description, but is recorded in the National Diet Library records it as May 1, 1948. The publication date was taken from records in the National Diet Library. In the reprint of the original description, the registration number of the holotype of this species is shown as ZUMT18669, which is a typographical error of ZUMT18069.

原記載が掲載された「動物学雑誌，第 57 巻第 10 号」の発行日は，表紙と原記載本文のページヘッダーに 1947 年 10 月とあるが，国立国会図書館の記録では 1948 年 5 月 1 日である．発行日は国立国会図書館の記録を採用した．原記載の別刷りでは，本種のホロタイプの登録番号が ZUMT18669 となっているが ZUMT18069 の誤植である．

以下の阿部コレクションのパラタイプ 4 標本とその他にパラタイプ 5 標本は，現在の所在は不明である．

There are 4 paratypes in the Abe collection below and 5 other paratypes, the current whereabouts of which are unknown.

ABE 1329 (1, skeleton), Mogi, Nagasaki Pref., Japan; July–Aug. 1935; collected by Tokiharu Abe.

ABE 4271–ABE 4272 (2), Ariake Sound, Yanagawa, Fukuoka Pref., Japan; 28 Dec. 1938; collected by Tokiharu Abe.

ABE 7848 (1, skeleton), Tokyo Market, Tokyo, Japan (from Shimonoseki, Yamaguchi Pref.).

other 5 paratypes: 4 specimens (120-230 mm TL) from Nagasaki, 1 specimen (200 mm TL) from Ariake Sound; 1specimen (190mm TL) from Yingkow (Liauho or Liaoho), in the collection of Dr. Denzaburo. Miyadi.

Current status: Synonym of *Takifugu vermicularis* (Temminck & Schlegel, 1850)　ナシフグ

Abe, T. 1948. Notes on some of the commoner puffers from East China Sea and adjoining waters, with description of *Sphoeroides vermicularis radiatus* Abe. Bulletin of the Japanese Society of Scientific Fisheries, 13 (6): 227–231.

Abe, T. 1988. A new scientific name for a Japanese common tetraodontid fish. UO (Japanese Society of Ichthyologists), 38: 13–14.

益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]

松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚. xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]

中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]

山田梅芳・田川　勝・岸田周三・本城康至．1986．東シナ海・黄海のさかな．西海区水産研究所，長崎．xxvi + 502 pp. [Yamada, U., Tagawa, M., Kishida, S. and Honjo, K. 1986. Fishes of the East China Sea and the Yellow Sea. Seikai Regional Fisheries Research Laboratory, Nagasaki. xxvi + 502 pp. (In Japanese)]

Stenocephalus elongatus Harada & Abe, 1994　クロサバモドキ（Figs. 1, 2）

Original description: Harada and Abe (1994): 30, fig, 4.2, 4.4–F.

原田禎顕・阿部宗明．1994．フグの分類と毒性－国際化時代の魚種検索法と毒性を考える．恒星社厚生閣，東京，130pp.（Harada, Y. and T. Abe. 1994. Taxonomy and toxicity of imported pufferfishes in Japan. Koseisya Koseikaku, Tokyo, 130pp. [In Japanese]）

Holotype (available): ZUMT 62526 (female, skeleton), off Tainan, Taiwan (South China Sea); 27, Mar. 1981

Remarks: This holotype was registered in ZUMT 62526 of the ZUMT collection. The nominal species is in accordance with Articles 11 to 16 of the International Code of Zoological Nomenclature and is therefore deemed to be be available name. A photograph of the holotype when fresh is shown in Fig. 1, and its skull in Fig. 2. The skull shape, which is a diagnostic character of this species, is considered to be an exceptional case of skeletal

variation, and the nominal species is judged as a junior synonym of the *Lagocephalus cheesemanii* (Clarke, 1897).
本種のホロタイプは ZUMT コレクションの ZUMT 62526 である．本名義種は，国際動物命名規約条 11〜16 の各条項に則し，適格であると認めた．ホロタイプの生鮮時の写真を Fig. 1 に，頭骨を Fig. 2 に掲載する．本種は識別点である頭蓋骨の形状は，骨格変異の例外的な例と考えられクロサバフグ *Lagocephalus cheesemanii* (Clarke, 1897)の新参異名と判断した．

Current status: Synonym of *Lagocephalus cheesemanii* (Clarke, 1897)　クロサバフグ

Tetraodon alboreticulatus Tanaka, 1908　シロアミフグ

Original description: Tanaka (1908): 42, pl. 1, fig. 5.
Tanaka, S. 1908. Notes on some Japanese fishes, with descriptions of fourteen new species. Journal of the College of Science. Imperial University, Tokyo 23 (7): 1–54, pls. 1–4.

Holotype (available, dry mount, partially damaged): ZUMT 959, off Misaki (Sagami Bay), Kanagawa Pref., Japan（神奈川県三崎　相模湾）

Remarks: ZUMT 959 was designated as the holotype in the original description. The holotype is partially damaged and in poor condition.
原記載にはホロタイプに ZUMT 959 を指定した．

Current status: Synonym of *Arothron stellatus* (Anonymous, 1798)　モヨウフグ
近藤日向子・松浦啓一・須之部友基．2022．千葉県館山から採集されたモヨウフグ（フグ目：フグ科）の成熟雌. Japan. Ichthy, Natural History of Fishes of Japan, 18: 34–36. [Kondo, H., Matsuura, K. and Sunobe, T. 2022. Record of matured female of *Arothron stellatus* (Tetraodontiformes: Tetraodontidae) from Tateyama, Chiba Prefecture, Japan. Ichthy, Natural History of Fishes of Japan, 18: 34–36. (In Japanese, English abstract)].
久新健一郎・尼岡邦夫・仲谷一宏・井田斉・谷野保夫・千田哲資．1982．南シナ海の魚類．海洋水産資源開発センター，東京．335pp. [Kyushin, K., Amaoka, K., Nakaya, K., Ida, H., Tanino Y. and Senta, T. 1982. Fishes of the South China Sea. Japan Marine Fishery Resource Research Center, Tokyo, 333 pp. (In Japanese and English; various authors)]
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.
田中茂穂．1914. 日本産魚類図説，18: 295–318, pls. 86–90. [Tanaka, S. 1914. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 18: 295–318, pls. 86–90. (In Japanese and English)]

Tetraodon sazanami Tanaka, 1916　サザナミフグ

Original description: Tanaka (1916): 384, pl. 105, fig. 324, pl. 110, fig. 333.
田中茂穂．1916．日本産魚類図説，22: 383–398, pls. 106–110. [Tanaka, S. 1916. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 22: 383–398, pls. 106–110. (In Japanese and English)]

Holotype (available): ZUMT 6745, Tokyo Market (Sagami Bay), Tokyo, Japan［東京市場（相模湾）］

Remarks: There is no type designation in the original description. ZUMT 6745 is the only specimen that matches the scientific name and collected data from the records in the ZUMT specimen ledger, and it is a holotype (ICZN Art. 72.4.1.1, 73.1.2). This specimen has two cloth tags labeled "6475" and "Sketch No. 252".
原記載にはタイプの指定がない．ZUMT 6745 は ZUMT 標本台帳の記録から学名，採集データに一致する唯一の標本であり，ホロタイプである（ICZN Art. 72.4.1.1, 73.1.2）．この標本には「6475」と「写生番号 252 号」と書かれた 2 つの布タグが付いている．

Current status: Synonym of *Arothron hispidus* (Linnaeus, 1758)　サザナミフグ
Kottelat, M. 2013. The fishes of the inland waters of Southeast Asia: a catalogue and core bibliography of the fishes known to occur in freshwaters, mangroves and estuaries. Raffles Bulletin of Zoology Supplement, 27: 1–663.
益田　一・尼岡邦夫・荒賀忠一・上野輝彌・吉野哲夫（編）．1984．日本産魚類大図鑑．東海大学出版会，東京．xx + 448 pp., 370 pls. [Masuda, H., Amaoka, K., Araga, C., Uyeno, T. and Yoshino, T. (eds). 1984. The fishes of the Japanese Archipelago. Tokai University Press, Tokyo. xx + 448 pp., 370 pls.]
松原喜代松．1955．魚類の形態と検索 II．石崎書店，東京．vi + 791–1605 pp. [Matsubara, K. 1955. Fish morphology and hierarchy. Ishizaki–Shoten, Tokyo. Part 2: vi + 791–1605 pp. (In Japanese)]
松浦啓一．2017．日本産フグ類図鑑．東海大学出版部，平塚．xiv+127 pp. [Matsuura, K. 2017. Pufferfishes and their allies of Japan. Tokai University Press, Hiratrsuka. xiv+127 pp. (In Japanese)]
中坊徹次（編）．2013．日本産魚類検索全種の同定 I－III，第三版．東海大学出版会，秦野．2530 pp. [Nakabo, T. (ed). 2013. Fishes of Japan with pictorial keys to the species I-III, third edition. Tokai University Press, Hadano. 2530 pp. (In Japanese)]
Randall, J. E., Bogorodsky, S. V. and Rose, J. M. 2012. Color variation of the puffer *Arothron hispidus* (Linnaeus) and comparison with *A. reticularis* (Bloch & Schneider). Aqua, International Journal of Ichthyology, 18 (1): 41–54.
Psomadakis, P., Thein, H., Russell, B. C. and Tun, M. T. 2020. Field identification guide to the living marine resources of Myanmar. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, and Department of Fisheries, Ministry of Agriculture, Livestock and Irrigation, Republic of the Union of Myanmar, Rome. xvii + 694 pp., pls. 1–58.

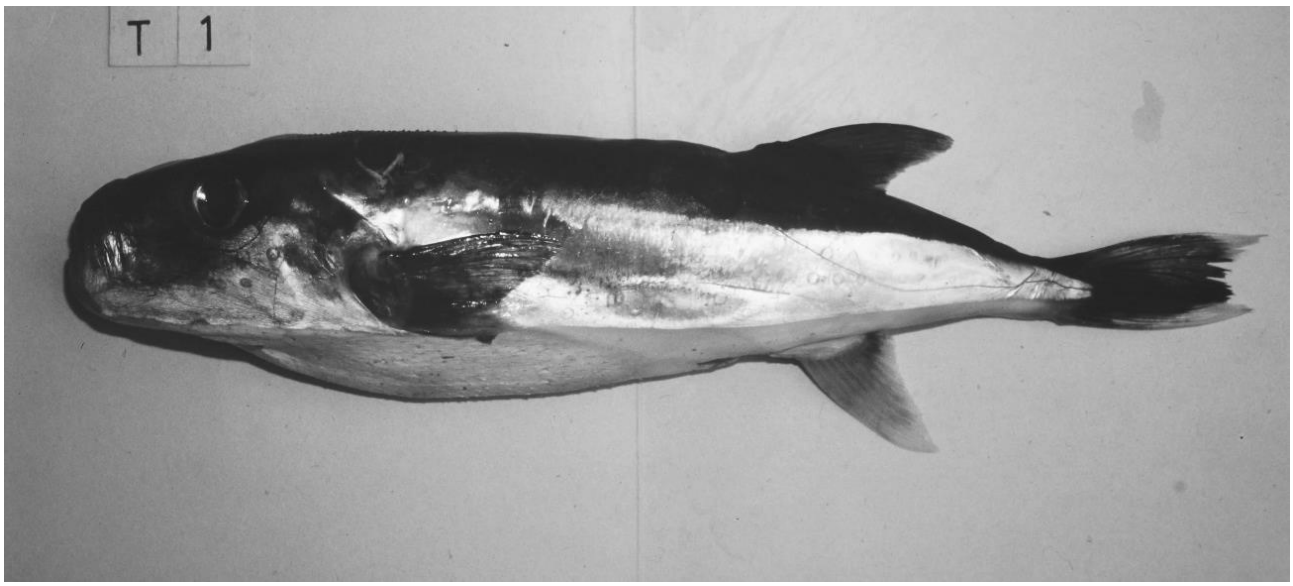

Figure 1. Fresh specimen of *Stenocephalus elongatus* Harada & Abe, 1994 (Holotype: ZUMT 62526).

Figure 2. Skull of *Stenocephalus elongatus* Harada & Abe, 1994 (Holotype: ZUMT62526).