

Fish types deposited in the Department of Zoology, The University Museum, The University of Tokyo – Part 5: Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei

東京大学総合研究博物館動物部門収蔵の魚類タイプ標本—第5部:スズキ亜目、イボダイ亜目、ベラ亜目、ゲンゲ亜目、ワニギス亜目、ギンポ亜目、ウバウオ亜目、ネズツポ亜目

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Abstract

The current statuses of type specimens of Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei in the ZUMT collection were investigated with recourse to original descriptions, information tags on specimens, and/or the ZUMT specimen ledger. Of the 70 holotypes, 31 syntypes, 3 lectotypes, 175 paratypes and 29 paralectotypes purported to be in the collection and applicable to 115 species in 34 families, only 54 holotypes, 24 syntypes, 3 lectotype, 138 paratypes and 26 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 Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei currently held.

本研究では、東京大学総合研究博物館動物学部門 (ZUMT) に所蔵されてい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スズキ亜目、イボダイ亜目、ベラ亜目、ゲンゲ亜目、ワニギス亜目、ギンポ亜目、ウバウオ亜目、ネズツポ亜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, University of Tokyo Museum (ZUMT). We report on Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei 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. The confirmed type specimen from the specimens in Abe's collection is treated as his ZUMT ABE○○○○ and is managed in the same way as 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スズキ亜目、イボダイ亜目、ベラ亜目、ゲンゲ亜目、ワニギス亜目、ギンポ亜目、ウバウオ亜目、ネズッコ亜目魚類を報告する。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一部、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などで識別可能である。阿部コレクションの標本から、確認したタイプ標本は 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)記載されたスズキ亜目、イボダイ亜目、ベラ亜目、ゲンゲ亜目、ワニギス亜目、ギンポ亜目、ウバウオ亜目、ネズッコ亜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(旧仮名づかいを訂正)。

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、保存の状態(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 Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei in ZUMT

Based on the original descriptions, tags on the specimens, and the ZUMT specimen ledger, type specimens of 115 species of Percoidei, Stromateoidei, Labroidei, Zoarcoidei, Trachinoidei, Blennioidei, Gobiesocoidei, and Callionymoidei in 34 families, including 70 holotypes, 30 syntypes, 3 lectotypes, 176 paratypes, and 29 paralectotypes, were purported to be in the ZUMT collection. 54 holotypes, 23 syntypes, 3 lectotype, 136 paratypes, and 26 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スズキ亜目、イボダイ亜目、ベラ亜目、ゲンゲ亜目、ワニギス亜目、ギンポ亜目、ウバウオ亜目、ネズッコ亜目類標本には 34 科 115 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 70 標本、シンタイプ 31 標本、レクトタイプ 3 標本、パラタイプ 175 標本、パラレクトタイプ 29 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 54 標本、シンタイプ 24 標本、レクトタイプ 3 標本、パラタイプ 138 標本、パラレクトタイプ 26 標本である。

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Overseas Research Fellowships (202160519); the Fujiwara Natural History Foundation; Kurita Water and Environment Foundation (23B019); JST, CREST (JPMJCR23J2); Ocean Shot from The Sasakawa Peace Foundation.

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Percoidei スズキ亜目

Sinipercidae ケツギョ科

Siniperca aequiformis Tanaka, 1925 コウライケツギョ

Original description: Tanaka (1925): 636, pls. 151 (fig. 420), 152 (fig. 416).

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 (lost): ZUMT 13462, Miryang, Nakdong River, Gyeongsang-do, South Korea; July 1918. (韓国慶尚道洛東江密陽(釜山附近)大正7年7月)

Paratype (lost): ZUMT 13467 (1), same as holotype.

Remarks: ZUMT 13462 was specified as the holotype in the original description. Further, one specimen of a color variation obtained from the same collection site was added and described. ZUMT 13467 is a specimen whose scientific name and collection data match from the records in the ZUMT specimen ledger. This specimen is a paratype (ICZN Art. 72.4.5).

原記載にはホロタイプに ZUMT 13462 を指定した。さらに同一の産地から得られた色彩変異の1標本を加えて記載した。ZUMT 13467 は、ZUMT 標本台帳の記録から学名と収集データが一致した標本である。この標本がパラタイプである (ICZN Art. 72.4.5)。

Current status: Synonym of *Siniperca scherzeri* Steindachner, 1892 コウライケツギョ

Zhou, C.-W., Yang Q. and Ca, D.-L. 1988. On the classification and distribution of the Sinipercinae fishes (Family Serranidae). Zoological Research, 9 (2): 113–125.

Acropomatidae ホタルジャコ科

Neoscombrops pacificus Mochizuki, 1979 バケムツ

Original description: Mochizuki (1979): 247, fig. 1A.

Mochizuki, K. 1979. A new percichthyid fish, *Neoscombrops pacificus*, from Japan, with a redescription of *N. annectens* from South Africa. Japanese Journal of Ichthyology, 26 (3): 247–252.

Holotype (available): ZUMT 52879, around Aogashima Island (ca. 32° 25'N, 139° 47'E), Izu Islands, Tokyo, Japan; 17 December 1972; depth between 300 m and 500m; vertical long line with pieces of squid as bait. (伊豆諸島青ヶ島[東京都青ヶ島村])

Paratype (available): ZUMT 52880 (1), same as holotype.

Paratype (lost): ZUMT 52881 (1), same as holotype.

Current status: Valid as *Verilus pacificus* (Mochizuki, 1979) バケムツ

Yamanoue, Y. 2016. Revision of the genus *Verilus* (Perciformes: Acropomatidae) with a description of a new species. *Journal of Fish Biology*, 89 (5): 2375–2398.

Yamanoue, Y., Johnson, G. D. and Starnes, W. C. 2009. Redescription of a poorly known acropomatid, *Verilus sordidus* Poey, 1860 and comparison with *Neoscombrops atlanticus* Mochizuki and Sano, 1984 (Teleostei: Perciformes). *Ichthyological Research*, 56 (4): 400–406.

Fricke, R., Kulbicki, M. and Wantiez, L. 2011. Checklist of the fishes of New Caledonia, and their distribution in the Southwest Pacific Ocean (Pisces). *Stuttgarter Beiträge zur Naturkunde A, Neue Serie*, 4: 341–463.

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)]

稲葉智樹・畑 晴陵・本村浩之. 2016. トカラ列島と奄美群島から得られた 鹿児島県初記録のバケムツ (ホタルジャコ科). *Nature of Kagoshima*, 42: 129–133. (Inaba, T., Hata, H. and Motomura, H. 2016. First records of *Neoscombrops pacificus* (Perciformes: Acropomatidae) from Kagoshima Prefecture, southern Japan. *Nature of Kagoshima*, 42: 129–133. (In Japanese))

Epigonidae ヤセムツ科

Epigonus pectinifer Mayer, 1974 ヤセムツ

Original description: 186, Fig. 19.

Mayer, G. F. 1974. A revision of the cardinalfish genus *Epigonus* (Perciformes, Apogonidae), with descriptions of two new species. *Bulletin of the Museum of Comparative Zoology*, 146 (3): 147–203.

Paratype (available): ZUMT ABE 64-2245 (1), Suruga Bay, Japan; 14–31 Oct. 1964.

Paratype (available): ZUMT ABE 64-2248 (1), Suruga Bay, Japan; Oct. 1964.

Remarks: Three specimens from the Abe collection were designated as paratype specimens of this species. Two of these specimens have been confirmed and are kept in Room 407 under the care of the ZUMT Collection. The whereabouts of ABE 64-2085 (1) is unknown.

本種のパラタイプ標本に阿部コレクション 3 標本が指定されていた。そのうち2標本が確認され、ZUMT コレクションの管理のもと 407 号室に保管される。尚、ABE 64-2085 (1)の所在は不明である。

Current status: Valid as *Epigonus pectinifer* Mayer, 1974 ヤセムツ

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)]

Mochizuki, K. and Shirakihara, K. 1983. A new and a rare apogonid species of the genus *Epigonus* from Japan. *Japanese Journal of Ichthyology*, 30 (3): 199–207.

Abramov, A. A. 1992. Species composition and distribution of *Epigonus* (Epigonidae) in the world ocean.

Voprosy Ikhtiologii, 32 (2): 17–31. [In Russian. English translation in *Journal of Ichthyology*, 32 (5):94–108.]

Okamoto, M. and Fukui, A. 2011. Redescription of a rare deepwater cardinalfish, *Epigonus ctenolepis* Mochizuki and Shirakihara 1983, and comparison with related species (Perciformes: Epigonidae).

Ichthyological Research, 58 (4): 388–392.

Okamoto, M. 2012. Two new species of the genus *Epigonus* (Perciformes: Epigonidae) from the South Pacific, with a description of the *Epigonus constanciae* group. *Ichthyological Research*, 59: 242–254.

Fricke, R. 2017. *Epigonus okamotoi*, a new species of deepwater cardinalfish from New Britain, Papua New Guinea, Solomon Sea, western Pacific Ocean (Teleostei: Epigonidae). *FishTaxa*, 2 (3): 116–122.

- Okamoto, M. and Gon, O. 2018. A review of the deepwater cardinalfish genus *Epigonus* (Perciformes: Epigonidae) of the Western Indian Ocean, with description of two new species. *Zootaxa*, 4382 (2): 261–291.
- Okamoto, M. 2018. First records of two deepwater cardinalfishes (Perciformes: Epigonidae), *Epigonus lifouensis* and *E. pectinifer*, from Indonesia, Eastern Indian Ocean. *Species Diversity*, 23: 243–248.

Serranidae ハタ科

Anthias (Mirolabrichthys) flavoguttatus Katayama & Masuda, 1980 アサヒハナゴイ

Original description: Katayama and Masuda (1980): 187, figs. 2-3.

Katayama, M. and Masuda, H. 1980. Two new anthiine fishes from Sagami Bay, Japan. *Japanese Journal of Ichthyology*, 27 (3): 185–190.

Holotype (available): ZUMT 54243, coast of Izu-Oshima, Tolyo, Japan. (伊豆大島[東京都大島町])

Paratype (available): ZUMT 54244 (1), same as holotype.

Current status: Valid as *Pyronotanthias flavoguttatus* (Katayama & Masuda, 1980) アサヒハナゴイ

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)]

Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidae: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Gill, A. C. 2022. Revised definitions of the anthiadine fish genera *Mirolabrichthys* Herre and *Nemanthias* Smith, with description of a new genus (Teleostei: Serranidae). *Zootaxa*, 5092 (1): 41–66.

中村潤平・本村浩之. 2022. ハタ科 Serranidae とされていた日本産各種の帰属, および高次分類群に適用する標準和名の検討. *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. [Nakamura, J. and Motomura, H. 2022. Review of all Japanese species and standard Japanese names of families, subfamilies, and genera, previously included in the family Serranidae sensu Johnson (1983). *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. (In Japanese with English abstract)]

Anthias (Pseudanthias) leucozonus Katayama & Masuda, 1982 シロオビハナダイ

Original description: Katayama and Masuda (1982): 393, fig. 1

Katayama, M. and Masuda, H. 1982. A new anthiine fish, *Anthias leucozonus*, from Sagami Bay, Japan. *Japanese Journal of Ichthyology*, 28 (4): 393–395.

Holotype (available): ZUMT 54295, off Futo (Sagami Bay), Ito City, Sagami Bay, Izu Peninsula, Shizuoka Pref., Japan; depth 40 meters. (静岡県伊東市富戸伊豆海洋公園地先, 相模湾)

Current status: Valid as *Pseudanthias leucozonus*

(Katayama & Masuda, 1982) シロオビハナダイ

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.]

- 瀬能 宏・御宿昭彦. 1994. シロオビハナダイの分布および生態に関する最近の知見について。伊豆海洋公園通信, 5 (7): 2-5. (Senou, H. and Mishiku, A. 1994. Notes on distribution and ecology of a rare anthine fish, *Pseudanthias leucozonus* (Katayama et Masuda). I. O. P. Diving News, 5 (7): 2-5. [In Japanese, 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)]
- Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1-62.
- Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1-170.

Anthias pannuceus Tanaka, 1922 ボロサクラダイ

Original description: Tanaka (1922): 584, pl. 145 (Fig. 402).

田中茂穂. 1922. 日本産魚類図説, 32: 583-606, pls. 145-147. [Tanaka, S. 1922. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 32: 583-606, pls. 145-147. (In Japanese and English)]

Holotype (available): ZUMT 9960, Tokyo Market, Japan. (東京市場)

Remarks: The original description specified ZUMT 9960 as the holotype. This ZUMT 9960 has a cloth tag that says "9960 type".

原記載はホロタイプに ZUMT 9960 を指定した。この ZUMT 9960 に、「9960 type」と書かれた布タグが付いている。

Current status: Synonym of *Odontanthias rhodopeplus* (Günther, 1872) ボロサクラダイ

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.]

Randall, J. E. and Heemstra, P. C. 2006. Review of the Indo-Pacific fishes of the genus *Odontanthias* (Serranidae: Anthiinae), with descriptions of two new species and a related genus. *Indo-Pacific Fishes*, 38: 1-32.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1-170.

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.

Anthias unimaculatus Tanaka, 1917 イッテンサクラダイ

Original description: Tanaka (1917): 199.

田中茂穂. 1917. 日本産魚類の六新種. 動物学雑誌, 29 (345): 198-201. [Tanaka, S. 1917. Six new species of Japanese fishes. *Zoological Magazine Tokyo*, 29 (345): 198-201. (In Japanese)]

Holotype (available): ZUMT 9961, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description. ZUMT 9961 is the only specimen whose scientific name and collection data match in the ZUMT specimen ledger. This specimen is the holotype (ICZN Art. 72.4.1, 73.1.2). Tanaka (1922)'s Figures and descriptions of the fishes of Japan (32: 588–591, pl. 145, fig. 403) re-described and illustrated ZUMT9961 as the holotype.

The original description is that the total length of the holotype body size measured up to the upper end of the caudal fin (including the filament) is 125 mm. However, in Tanaka's (1922) Figures and descriptions of the fishes of Japan (32: 588–591), the total length does not match 179 mm. As a result of confirming the holotype ZUMT 9961, the total length described in the original description is an error in the body length.

原記載にはホロタイプ指定がない。ZUMT 9961 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。この標本がホロタイプである(ICZN Art. 72.4.1, 73.1.2)。田中(1922)の日本産魚類図説(32: 588–591, pl. 145, fig. 403)は、ZUMT 9961 をホロタイプとして再記載し、図示している。

原記載は、ホロタイプの体サイズを尾鰭上端(フィラメントを含む)まで測定した全長を 125mm とした。しかし、田中(1922)の日本産魚類図説(32: 588–591)では全長が 179 mm と一致しない。ホロタイプ ZUMT 9961 を確認した結果、原記載の全長は、体長の誤記である。

Current status: Valid as *Odontanthias unimaculatus* (Tanaka, 1917) イッテンサクラダイ

田中茂穂. 1922. 日本産魚類図説, 32: 583–606, pls. 145–147. [Tanaka, S. 1922. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 32: 583–606, pls. 145–147. (In Japanese and English)]

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)]

Randall, J. E. and Heemstra, P. C. 2006. Review of the Indo-Pacific fishes of the genus *Odontanthias* (Serranidae: Anthiinae), with descriptions of two new species and a related genus. *Indo-Pacific Fishes*, 38: 1–32.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

橋本慎太郎・前川隆則・本村浩之. 2021. 奄美大島から得られた奄美群島初記録のイッテンサクラダイ. *Ichthy, Natural History of Fishes of Japan*, 13: 9–12. (Hashimoto S., Maekawa, T. and Motomura, H. 2021. First records of *Odontanthias unimaculatus* (Serranidae) from the Amami Islands, southern Japan. *Ichthy, Natural History of Fishes of Japan*, 13: 9–12. (In Japanese with English abstract)]

Caprodon affinis Tanaka, 1924 アイアカイサキ

Original description: Tanaka (1924): 611, pl. 148 (fig. 408).

田中茂穂. 1924. 日本産魚類図説, 33: 607–628, pls. 148–150. [Tanaka, S. 1924. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 33: 607–628, pls. 148–150. (In Japanese and English)]

Holotype (available): ZUMT 11755, Tokyo Market, Japan. (東京市場)

Remarks: In the original description, ZUMT 11755 was specified as the holotype. The specimen has a cloth tag that says "Sketch No. 426".

原記載はホロタイプに ZUMT 11755 を指定した。標本には「写生番号 426 号」と書かれた布タグが付いている。

Current status: Synonym of *Caprodon schlegelii* (Günther, 1859) アカイサキ

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. 417–781pp. [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 + 502pp. [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 + 502pp. (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)]

Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

中村潤平・本村浩之. 2022. ハタ科 Serranidae とされていた日本産各種の帰属, および高次分類群に適用する標準和名の検討. *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. [Nakamura, J. and Motomura, H.

2022. Review of all Japanese species and standard Japanese names of families, subfamilies, and genera, previously included in the family Serranidae sensu Johnson (1983). *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. (In Japanese with English abstract)]

Cephalopholis formosanus Tanaka, 1911 ユカタハタ

Original description: Tanaka (1911): 24, pl. 7 (Fig. 22).

田中茂穂. 1911. 日本産魚類図説, 2: 19–34, pls. 6–10. [Tanaka, S. 1911. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 2: 19–34, pls. 6–10. (In Japanese and English)]

Holotype (available, poor condition): ZUMT 2975, Taihoku, Taiwan.

Remarks: In the original description, ZUMT 2975 was specified as the holotype. The specimen has a cloth tag that says "*Cephalopholis formosanus* n. sp. “

原記載はホロタイプに ZUMT 2975 を指定した。標本には「*Cephalopholis formosanus* n. sp.」と書かれた布タグが付いている。

Current status: Synonym of *Cephalopholis miniata* (Forsskål, 1775) ユカタハタ

Randall, J. E. and Heemstra, P. C. 1991. Revision of Indo-Pacific groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. *Indo-Pacific Fishes*, 20: 1–332, pls. 1–41.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

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.

中村潤平・本村浩之. 2022. ハタ科 Serranidae とされていた日本産各種の帰属, および高次分類群に適用する標準和名の検討. Ichthy, Natural History of Fishes of Japan, 19: 26–43. [Nakamura, J. and Motomura, H. 2022. Review of all Japanese species and standard Japanese names of families, subfamilies, and genera, previously included in the family Serranidae sensu Johnson (1983). Ichthy, Natural History of Fishes of Japan, 19: 26–43. (In Japanese with English abstract)]

Cephalopholis igarashiensis Katayama, 1957 シマハタ

Original description: Katayama (1957): 156, fig. 3.

Katayama, M. 1957. Four new species of serranid fishes from Japan. Japanese Journal of Ichthyology, 6 (4–6): 153–159.

Paratypes (available): ZUMT 39466 (1), Riukiu Islands (Ryukyu Islands), Japan.

Current status: Valid as *Cephalopholis igarashiensis* Katayama, 1957 シマハタ

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.]

Randall, J. E. and Heemstra, P. C. 1991. Revision of Indo-Pacific groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. Indo-Pacific Fishes, 20: 1–332, pls. 1–41.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. FishTaxa, 15 (1): 1–170.

中村潤平・本村浩之. 2022. ハタ科 Serranidae とされていた日本産各種の帰属, および高次分類群に適用する標準和名の検討. Ichthy, Natural History of Fishes of Japan, 19: 26–43. [Nakamura, J. and Motomura, H. 2022. Review of all Japanese species and standard Japanese names of families, subfamilies, and genera, previously included in the family Serranidae sensu Johnson (1983). Ichthy, Natural History of Fishes of Japan, 19: 26–43. (In Japanese with English abstract)]

Epinephelus cometae Tanaka, 1927 ホウキハタ

Original description: Tanaka (1927): 704, pls. 159 (Fig. 445), 160 (447).

田中茂穂. 1927. 日本産魚類図説, 37: 693–708, pls. 159–161. [Tanaka, S. 1927. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 37: 693–708, pls. 159–161. (In Japanese and English)]

Syntype (lost): ZUMT 3764 (1), Tokyo Market, Japan. (東京市場)

Syntype (available): ZUMT 7991, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Syntypes (available): ZUMT 7499 (1), ZUMT 7509 (1), Hiro, Arita-gun, Wakayama Pref., Japan; collected by Isaburo Hoshino. (紀伊國有田郡廣[和歌山県有田市広]星野伊三郎採集)

Remarks: The original description is mainly based on ZUMT 7991 from Tanabe, and 2 specimens from Arita-gun Hiro are also added. In the original description, in addition to Tanabe and Arita-gun Hiro, Tokyo was also the collection site. In the ZUMT specimen ledger, there were 4 specimens with the same scientific name: ZUMT 7991 from Tanabe, ZUMT 7499 and ZUMT 7509 from Arita-gun, Hiro and ZUMT 3764 from Tokyo. There is no holotype designation in the original description, and these specimens are syntypes (ICZN Art. 72.1.1, 73.2). It is a mistake to treat ZUMT 7991 as the holotype.

The drawn specimen of the figure (fig. 447) published in the Figures and descriptions of the fishes of Japan (37: pl. 160, fig. 447) of Tanaka (1927) is ZUMT 7509. It has a cloth tag that says "Sketch No. 421". In addition, ZUMT 7991 also has a cloth tag of "Sketch No. 415".

原記載は、主に田辺産の ZUMT 7991 に基づいており、有田郡広の 2 標本も加えた。原記載には田辺、有田郡広の他に東京も産地にした。ZUMT 標本台帳の記録から学名が一致した標本は田辺産の ZUMT 7991、有田郡広産の ZUMT 7499 と ZUMT 7509、東京の ZUMT 3764 の 4 個体があった。原記載にはホロタイプ指定がなく、これらの標本はシタイプである(ICZN Art. 72.1.1, 73.2)。ZUMT 7991 をホロタイプと扱ったのは誤りである。

田中(1927)の日本産魚類図説(37: pl. 160, fig. 447)に掲載された図(fig. 447)の描画された標本は ZUMT 7509 である。「写生番号 421 号」と書かれた布タグが付いている。また、ZUMT 7991 にも「写生番号 415 号」の布タグが付いている。

Current status: Synonym of *Epinephelus morrhua* (Valenciennes, 1833) ホウキハタ

田中茂穂. 1927. 日本産魚類図説, 38: 709–740, pls. 162–163. [Tanaka, S. 1927. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 38: 709–740, pls. 162–163. (In Japanese and English)]

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. 335 pp. [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.]

Randall, J. E. and Heemstra, P. C. 1991. Revision of Indo-Pacific groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. *Indo-Pacific Fishes*, 20: 1–332, pls. 1–41.

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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

畑 晴陵・本村浩之. 2020. トカラ列島初記録のホウキハタとカケハシハタ(スズキ目ハタ科). *Nature of Kagoshima*, 46: 573–579. (Hata, H., and Motomura, H. 2020 First records of two species of groupers (Perciformes: Serranidae), *Epinephelus morrhua* and *Epinephelus radiatus*, from the Tokara Islands, northern part of the Ryukyu Islands, Japan. *Nature of Kagoshima*, 46: 573–579. (In Japanese)]

中村潤平・本村浩之. 2022. ハタ科 Serranidae とされていた日本産各種の帰属, および高次分類群に適用する標準和名の検討. *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. [Nakamura, J. and Motomura, H. 2022. Review of all Japanese species and standard Japanese names of families, subfamilies, and genera, previously included in the family Serranidae sensu Johnson (1983). *Ichthy, Natural History of Fishes of Japan*, 19: 26–43. (In Japanese with English abstract)]

***Epinephelus craigi* Frable, Tucker & Walker, 2018**

Original description: Frable, Tucker and Walker (2018): 216, figs. 1–3.

Frable, B. W., Tucker, S. J. and Walker Jr. H. J. 2018. A new species of grouper, *Epinephelus craigi* (Perciformes: Epinephelidae), from the South China Sea. Ichthyological Research, 66 (2): 215–224.

Paratypes (available): ZUMT 52224 (1), ZUMT ABE 10701 (1), South China Sea.

Remarks: These specimens are also paratypes of *Epinephelus stictus* Randall & Allen, 1987.

これらの標本は、*Epinephelus stictus* Randall & Allen, 1987 のパラタイプでもある。

Current status: Valid as *Epinephelus craigi* Frable, Tucker & Walker, 2018 スミツキアオハタ

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. FishTaxa, 15 (1): 1–170.

鈴木悠理・遠藤広光・本村浩之・瀬能 宏・松沼瑞樹. 2020. 高知県および南シナ海南部から得られたハタ科 *Epinephelus craigi* スミツキアオハタ (新称) の記録およびアオハタモドキに適用すべき学名の再検討. 魚類学雑誌, 67 (1): 31–40. [Suzuki, Y., Endo, H., Motomura, H., Senou, H. and Matsunuma, M. 2020. First reliable records of *Epinephelus craigi* (Perciformes: Serranidae) from Japan and the southern South China Sea, and a note on the standard Japanese name proposed for *E. stictus*. Japanese Journal of Ichthyology, 67 (1): 31–40. (In Japanese)]

***Epinephelus stictus* Randall & Allen, 1987**

Original description: Randall and Allen (1987): 394, fig. 1.

Randall, J. E. and Allen, G. R. 1987. Four new serranid fishes of the genus *Epinephelus* (Perciformes: Epinephelinae) from Western Australia. Records of the Western Australian Museum, 13 (3): 387–411.

Paratypes (available): ZUMT 52224 (1), ZUMT ABE 10701 (1), South China Sea.

Remarks: These specimens are also paratypes of *Epinephelus craigi* Frable, Tucker & Walker, 2018.

これらの標本は、*Epinephelus craigi* Frable, Tucker & Walker, 2018 のパラタイプでもある。

Current status: Valid as *Epinephelus stictus* Randall & Allen, 1987 アオハタモドキ

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. FishTaxa, 15 (1): 1–170.

鈴木悠理・遠藤広光・本村浩之・瀬能 宏・松沼瑞樹. 2020. 高知県および南シナ海南部から得られたハタ科 *Epinephelus craigi* スミツキアオハタ (新称) の記録およびアオハタモドキに適用すべき学名の再検討. 魚類学雑誌, 67 (1): 31–40 [Suzuki, Y., Endo, H., Motomura, H., Senou, H. and Matsunuma, M. 2020. First reliable records of *Epinephelus craigi* (Perciformes: Serranidae) from Japan and the southern South China Sea, and a note on the standard Japanese name proposed for *E. stictus*. Japanese Journal of Ichthyology, 67(1): 31–40. (In Japanese)]

***Epinephelus suitonis* Tanaka, 1915 ツチホゼリ**

Original description: Tanaka (1915):566.

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 (available): ZUMT 12309, Saeki Market, Saeki City, Oita Pref., Japan; 12 Jan. 1915; collected by Kunimitsu Suitou. (豊後佐伯市場 大正 4 年 1 月 12 日 大分県佐伯市中学校 出納國満採集)

Remarks: There is no holotype designation in the original description. ZUMT 12309 is the only specimen whose original scientific name and collection data match the records in the ZUMT specimen ledger. This specimen is holotype (ICZN Art. 73.1.2). In Tanaka's (1916) Figures and descriptions of the fishes of Japan (23: 402–404, pl. 109, fig. 331), ZUMT 12309 was re-described and illustrated as holotype.

原記載にはホロタイプ指定がない。ZUMT 12309 は、原記載の学名と収集データが ZUMT 標本台帳の記録と一致した唯一の標本である。この標本がホロタイプである(ICZN Art. 73.1.2)。田中(1916)の日本産魚類図説(23: 402–404, pl. 109, fig. 331)では、ZUMT 12309 をホロタイプとして再記載し、図示した。

Current status: Synonym of *Epinephelus cyanopodus* (Richardson, 1846) ツチホゼリ

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)]

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. 335 pp. [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, 335 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.]

Randall, J. E. and Heemstra, P. C. 1991. Revision of Indo-Pacific groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. Indo-Pacific Fishes, 20: 1–332, pls. 1–41.

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)]

Franzia affinis Tanaka, 1915 マジリハナダイ

Original description: Tanaka (1915):566.

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 (available): ZUMT 6579, Nagasaki Market, Japan; July 1915; collected by Ichiro Kaneko. (長崎市場 大正 4 年 7 月 金子一狼採集)

Remarks: There is no holotype designation in the original description. ZUMT 6579 is the only specimen whose original scientific name and collection data match the records in the ZUMT specimen ledger. This specimen is the holotype (ICZN Art. 73.1.2). In Tanaka's (1921) Figures and descriptions of the fishes of Japan (31: 572–575, pl. 144, fig. 400), ZUMT 6579 was re-described and illustrated as the holotype.

The original spelling of the scientific name was spelled "*affinis*", but Tanaka (1921) corrected it to the subsequent spelling "*affinis*" in the Figures and descriptions of the fishes of Japan (31: 572–575). (ICZN Art. 32.5, 33.2.2).

原記載はホロタイプ指定がない。ZUMT 6579 は、ZUMT 標本台帳の記録から原記載の学名と収集データが一致した唯一の標本である。この標本がホロタイプである(ICZN Art. 73.1.2)。田中(1921)の日本産魚類図説(31: 572–575, pl. 144, fig. 400)では、ZUMT 6579 をホロタイプとして再記載し、図示した。

学名の原綴りは、「*affinis*」と綴られていたが、田中(1921)は、日本産魚類図説(31: 572–575)で後綴りの「*affinis*」に訂正した(ICZN Art. 32.5, 33.2.2)。

Current status: Synonym of *Pseudanthias squamipinnis* (Peters, 1855) キンギョハナダイ

田中茂穂. 1921. 日本産魚類図説, 31: 559–582, pls. 142–144. [Tanaka, S. 1921. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 31: 559–582, pls. 142–144. (In Japanese and English)]

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Franzia pectoralis Tanaka, 1917 ムナテンハナダイ

Original description: Tanaka (1917): 268.

田中茂穂. 1917. 日本産魚類の三新種. 動物学雑誌, 29 (347): 268–269. [Tanaka, S. 1917. Three new species of Japanese fishes. *Zoological Magazine Tokyo*, 29 (347): 268–269. (In Japanese)]

Holotype (available): ZUMT 9896, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集.)

Remarks: There is no holotype designation in the original description. ZUMT 9896 is the only specimen in which the original scientific name and collection site match in the records of the ZUMT specimen ledger. This specimen is the holotype (ICZN Art. 73.1.2). In the record of ZUMT 9896 in the ZUMT specimen ledger, there is a writing of "type".

原記載はホロタイプの設定がない。ZUMT 9896 は、ZUMT 標本台帳の記録に原記載の学名と収集データが一致した唯一の標本である。この標本がホロタイプである(ICZN Art. 73.1.2)。ZUMT 標本台帳の ZUMT 9896 の記録には「type」の書き込みがある。

Current status: Synonym of *Pseudanthias squamipinnis* (Peters, 1855) キンギョハナダイ

田中茂穂. 1921. 日本産魚類図説, 31: 559–582, pls. 142–144. [Tanaka, S. 1921. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 31: 559–582, pls. 142–144. (In Japanese and English)]

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Franzia ruber Tanaka, 1917 アカハナダイ

Original description: Tanaka (1917): 268.

田中茂穂. 1917. 日本産魚類の三新種. 動物学雑誌, 29 (347): 268–269. [Tanaka, S. 1917. Three new species of Japanese fishes. *Zoological Magazine Tokyo*, 29 (347): 268–269. (In Japanese)]

Lectotype (available): ZUMT 9906, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊〔和歌山県田辺市〕宇井縫藏採集.)

Paralectotype (available): ZUMT 9907 (1), Tokyo Market, Japan. (東京市場)

Remarks: There is no holotype designation in the original description. From the records in the ZUMT specimen ledger, 2 specimens, ZUMT 9906 and ZUMT 9907, matched the original scientific name. These are syntypes (ICZN Art. 72.4.1, 73.2). In Tanaka's (1921) Figures and descriptions of the fishes of Japan (31: 571–572, pl. 143, fig. 398), the ZUMT 9906 was made into holotype and re-described and illustrated. The act of selecting a specific specimen from these syntypes as the name-bearing type (here, the holotype) is considered to be the designation of the lectotype (ICZN Art. 74.5). ZUMT 9906 will be lectotype and ZUMT 9907 will be a paralectotype (ICZN Art. 73.2.2, 74.1.3).

The body size of the lectotype is 73 mm in total length measured up to the upper end of the caudal fin (including filament) described in the original, but the total length is different from 109 mm in the Figures and descriptions of the fishes of Japan (31: 571–572). As a result of confirming the lectotype ZUMT 9906, the total length described in the original description is an error in the body length.

In Tanaka's (1921) Figures and descriptions of the fishes of Japan (31: 571–572), the original spelling of the scientific name "*ruber*" was corrected to "*rubra*", but the subsequent spelling is invalid (ICZN Art. 33.3).

原記載はホロタイプ指定がない。ZUMT 標本台帳の記録から ZUMT 9906 と ZUMT 9907 の2標本が原記載の学名に一致した。これらはシタイプである(ICZN Art. 72.4.1, 73.2)。田中(1921)の日本産魚類図説(31: 571–572, pl. 143, fig. 398)では ZUMT 9906 をホロタイプとして再記載し、図示した。これらのシタイプから特定の標本を担名タイプ(ここではホロタイプ)に選定した行為は、レクトタイプの指定と見なされる(ICZN Art. 74.5)。ZUMT 9906 はレクトタイプとなり、ZUMT 9907 はパラレクトタイプとなる(ICZN Art. 73.2.2, 74.1.3)。

原記載は、レクトタイプの体サイズを尾鰭上端(フィラメントを含む)まで測定した全長を 73 mm とした。しかし、田中(1921)の日本産魚類図説(31: 571–572)では、全長が 109 mm と一致しない。ZUMT 9906 を確認した結果、原記載の全長は、体長の誤記である。

レクトタイプの体サイズは、原記載の尾鰭上端(フィラメントを含む)まで測定した全長を 73 mm が、田中(1921)の日本産魚類図説(31: 571–572)では、全長が 109 mm と一致しない。レクトタイプ ZUMT 9906 を確認した結果、原記載の全長は、体長の誤記である。

田中(1921)の日本産魚類図説(31: 571–572)では、学名の原綴り「*ruber*」を「*rubra*」と修正したが、この後綴りは無効である(ICZN Art. 33.3)。

Current status: Synonym of *Pseudanthias squamipinnis* (Peters, 1855) キンギョハナダイ

田中茂穂. 1921. 日本産魚類図説, 31: 559–582, pls. 142–144. [Tanaka, S. 1921. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 31: 559–582, pls. 142–144. (In Japanese and English)]

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Lepidoperca brochata Katayama & Fujii, 1982

Original description: Katayama and Fujii (1982): 247, fig. 6.

Katayama, M. and Fujii, E. 1982. Two new species of the anthiine genus *Lepidoperca* from Australia and New Zealand. *Japanese Journal of Ichthyology*, 29 (3): 241–252.

Paratype (available): ZUMT 54320 (1), southeastern Australia (34°51.7'S, 151°07.5'E); 236 m depth.

Current status: Valid as *Lepidoperca brochata* Katayama & Fujii, 1982

Roberts, C. D. 1989. A revision of New Zealand and Australian orange perches (Teleostei; Serranidae) previously referred to *Lepidoperca pulchella* (Waite) with description of a new species of *Lepidoperca* from New Zealand. *Journal of Natural History*, 23 (3): 557–589.

Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Lepidoperca magna Katayama & Fujii, 1982

Original description: Katayama and Fujii (1982): 250, fig. 7.

Katayama, M. and Fujii, E. 1982. Two new species of the anthiine genus *Lepidoperca* from Australia and New Zealand. *Japanese Journal of Ichthyology*, 29 (3): 241–252.

Paratype (lost): ZUMT 54319 (1), Norfolk Ridge, southern Pacific (29°35'S, 168°05.8'E); 308 m depth.

Remarks: The cloth tag of the paratype registration number ZUMT 54319 is stored as it is. The location of the specimen is unknown because this specimen has not reached ZUMT.

パラタイプの登録番号 ZUMT 54319 の布タグがそのまま保管されている。この標本は ZUMT に届いていないため、所在は不明。

Current status: Valid as *Lepidoperca magna* Katayama & Fujii, 1982 アカネオキハナダイ

Roberts, C. D. 1989. A revision of New Zealand and Australian orange perches (Teleostei; Serranidae) previously referred to *Lepidoperca pulchella* (Waite) with description of a new species of *Lepidoperca* from New Zealand. *Journal of Natural History*, 23 (3): 557–589.

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. ニュ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 Fisheries Resource Research Center. 410 pp. (In Japanese and English; many contributors)]

Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Leptanthias kashiwae Tanaka, 1918 カシワハナダイ

Original description: Tanaka (1918): 525, pl. 138 (fig. 387).

田中茂穂. 1918. 日本産魚類図説, 29: 515–538, pls. 138–139. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 29: 515–538, pls. 138–139. (In Japanese and English)]

Holotype (lost): ZUMT 8459, Kashiwajima, Hata, Kochi Pref., Japan; collected by Shigeo Tanaka. (土佐柏島 田中茂穂採集)

Paratypes (available): ZUMT 18727–ZUMT 18741 (15), Kashiwajima, Hata, Kochi Pref., Japan; 12 March 1905; collected by Katsuya Tago. (土佐柏島 明治 38 年 3 月 12 日 田子勝弥採集)

Remarks: In the original description, ZUMT 8459 was specified as the holotype. In addition to the holotype ZUMT 8459, there were specimens ZUMT 18727 to ZUMT 18741 that had the same scientific name and collection data as the original description in the records of the ZUMT specimen ledger. These specimens are paratypes. (ICZN Art. 72.4.1.1, 72.4.5).

原記載ではホロタイプに ZUMT 8459 を指定した。ホロタイプ ZUMT 8459 の他に ZUMT 標本台帳の記録に原記載と同じ学名と収集データが一致した標本 ZUMT 18727–ZUMT 18741 がある。これらの標本はパラタイプとなる(ICZN Art. 72.4.1.1, 72.4.5)。

Current status: Synonym of *Pseudanthias cooperi* (Regan, 1902) カシワハナダイ

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. FishTaxa, 15 (1): 1–170.

Mustelichthys ui Tanaka, 1917 ウイサクラダイ

Original description: Tanaka (1917): 198.

田中茂穂. 1917. 日本産魚類の六新種. 動物学雑誌, 29 (345): 198–201. [Tanaka, S. 1917. Six new species of Japanese fishes. Zoological Magazine Tokyo, 29 (345): 198–201. (In Japanese)]

Holotype (available): ZUMT 9957, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description. ZUMT 9957 is the only one that matches with the scientific name and the record of collection data in the ZUMT specimen ledger. This specimen is holotype (ICZN Art. 73.1.2). In the record of ZUMT 9957, there is a note of "*Mustelichthys ui* Tanaka, Type, Tanabe, Nuizo Ui". In addition, the specimen has two cloth tags, "9957" and "Sketch No. 348".

原記載にはホロタイプの指定がない。ZUMT 9957 は、ZUMT 標本台帳から学名と収集データの記録が一致した唯一の標本である。この標本がホロタイプである(ICZN Art. 73.1.2)。ZUMT 9957 の記録には「*Mustelichthys ui* Tanaka, Type, Tanabe, Nuizo Ui」の書き込みがある。また、標本に「9957」と「写生番号 348号」の布タグ 2 つが付いている。

Current status: Synonym of *Tosana niwae* Smith & Pope, 1906 ヒメハナダイ

田中茂穂. 1921. 日本産魚類図説, 31: 559–582, pls. 142–144. [Tanaka, S. 1921. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 31: 559–582, pls. 142–144. (In Japanese and English)]

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. FishTaxa, 15 (1): 1–170.

橋本慎太郎・大富 潤・本村浩之. 2021. 標本に基づく鹿児島県本土初記録のヒメハナダイ(ハタ科:ハナダイ亜科). *Ichthy, Natural History of Fishes of Japan*, 11: 6–11. [Hashimoto S., Ohtomi, J. and Motomura, H. 2021. First specimen-based records of *Tosana niwae* (Serranidae: Anthiadae) from the Kagoshima mainland, southern Kyushu, Japan. *Ichthy, Natural History of Fishes of Japan*, 11: 6–11. (In Japanese with English abstract)]

Paracanthistius suji Tanaka, 1916 スジアラ

Original description: Tanaka (1916): 415, pl. 112 (fig. 336).

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)]

Holotype (available): ZUMT 3911, Saigasaki, Wakayama City, Wakayama Pref., Japan; collected by Toukichi Nishikawa. (和歌山県和歌山市雑賀崎 西川藤吉採集)

Paratype (available): ZUMT 8513 (1), Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊 [和歌山県田辺市] 宇井縫蔵採集)

Remarks: ZUMT 3911 was specified as the holotype in the original description. In addition to ZUMT 3911, there is a specimen ZUMT 8513 with the same scientific name in the record of the ZUMT specimen ledger. This specimen is a paratype (ICZN Art. 72.4.1.1, 72.4.5). The holotype ZUMT 3911 comes with two cloth tags, "3911, Wakayama" and "Sketch No. 337".

原記載にはホロタイプに ZUMT 3911 を指定した。ZUMT 3911 の他に ZUMT 標本台帳の記録には学名が一致する標本 ZUMT 8513 があつた。この標本はパラタイプである(ICZN Art. 72.4.1.1, 72.4.5)。ホロタイプの ZUMT 3911 には、「3911 和歌山」と「写生番号 337 号」の布タグ 2 つが付いている。

Current status: Synonym of *Plectropomus leopardus* (Lacepède, 1802) スジアラ

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.]

Randall, J. E. and Heemstra, P. C. 1991. Revision of Indo-Pacific groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. *Indo-Pacific Fishes*, 20: 1–332, pls. 1–41.

Heemstra, P. C. and Randall, J. E. 1993. Groupers of the World (Family Serranidae, Subfamily Epinephelinae); an annotated and illustrated catalogue of the grouper, rockcod, hind, coral grouper and lyretail species known to date. *FAO Species Catalogue* 16. Rome. viii + 382, pls. 1–31.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Motomura, H., Kimura, S., Giat, S. Y., Kadir, S. T. S. A. and Gaffar, M. A. 2021. Reef and shore fishes of Bidong Island off east coast of Malay Peninsula. *The Kagoshima University Museum*, Kagoshima. 80 pp.

Pikea latifasciata Tanaka, 1922 ツルグエ

Original description: Tanaka (1922): 595, pl. 147 (fig. 405).

田中茂穂. 1922. 日本産魚類図説, 32: 583–606, pls. 145–147. [Tanaka, S. 1922. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 32: 583–606, pls. 145–147. (In Japanese and English)]

Holotype (available): ZUMT 8000, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Paratype (available): ZUMT 3423 (1), Tokyo Market, Tokyo, Japan. (東京市場)

Remarks: In the original description, ZUMT 8000 was specified as the holotype. In addition, ZUMT 3423 was added and described. This specimen ZUMT 3423 is paratype (ICZN Art. 72.4.5). This specimen ZUMT 3423 is paratype (ICZN Art. 72.4.5).

原記載にはホロタイプに ZUMT 8000 を指定した。さらに、ZUMT 3423 を加え記載した。この ZUMT 3423 はパラタイプである(ICZN Art. 72.4.5)。

Current status: Valid as *Liopropoma latifasciatum* (Tanaka, 1922) ツルグエ

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. 417–781pp. [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)]

Randall, J. E. and Taylor, Jr., L. R. 1988. Review of the Indo-Pacific fishes of the serranid genus *Liopropoma*, with descriptions of seven new species. *Indo-Pacific Fishes*, 16: 1–47, pls. 1–4.

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Plectranthias altipinnatus Katayama & Masuda, 1980 チゴハナダイ

Original description: Katayama and Masuda (1980): 185, Fig. 1.

Katayama, M. and Masuda, H. 1980. Two new anthiine fishes from Sagami Bay, Japan. *Japanese Journal of Ichthyology*, 27 (3): 185–190.

Holotype (available): ZUMT 54242, off Futo, Ito City, Shizuoka Pref., Izu Peninsula, Japan; at a depth of 40 m on the rock reef; Feb. 1977.

Current status: Valid as *Plectranthias altipinnatus*

Katayama & Masuda, 1980 チゴハナダイ

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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Gill, A. C., Pogonoski, J. J., Moore, G. I. and Johnson, J. W. 2021. Review of Australian species of *Plectranthias* Bleeker and *Selenanthias* Tanaka (Teleostei: Serranidae: Anthiinae), with descriptions of four new species. *Zootaxa*, 4918 (1): 1–116.

Plectranthias kojii Koeda, Muto & Wada, 2021 ミカヅキハナダイ

Original description: Koeda, Muto and Wada (2021): 2, Figs. 1–3.

Koeda, K., Muto, N. and Wada, H. 2021. *Plectranthias kojii* sp. nov., a new perchlet (Perciformes: Serranidae: Anthiinae) from Okinawa, Japan. *Ichthyological Research*, 69 (3): 352-360. [First published online, pp. 1-9, 27 Oct. 2021. Erratum appeared in *Ichthyological Research* online first, 1 p., on 3 Dec. 2021 [69 (3): 361]. Volume, issue and pages added 17 June 2022.]

Holotype (available): ZUMT 62001, off Hamahiga-jima Island, near eastern coast of Okinawa-jima Island, Ryukyu Archipelago, Japan; 150 m depth; basket net; Oct. 2018; collected by ABE Koji, preserved on 16 Mar. 2020. 49.4 mm SL. (沖縄諸島 沖縄県うるま市) 浜比嘉島沖 水深 150m かご網 2018年 10月 安倍肯治 (ABE Koji) 採集

Remarks: The species name was changed to *kojiorum* because it was named after two persons, Koji Abe and Koji Wada (ICZN Art. 31.1.2).

安倍肯治(ABE Koji)氏と和田康嗣(WADA Koji)氏の2名に因んで名付けられたため、種小名は、*kojiorum*に変更された(ICZN Art. 31.1.2)。

Current status: Valid as *Plectranthias kojiorum* Koeda, Muto & Wada, 2021 ミカヅキハナダイ

Anderson, W. D., Jr. 2022. Additions and emendations to the annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 5195 (6): 567–578.

Rosanthis amoenus Tanaka, 1917 ウキサクラダイ

Original description: Tanaka (1917): 198.

田中茂穂. 1917. 日本産魚類の六新種. *動物学雑誌*, 29 (345): 198–201. [Tanaka, S. 1917. Six new species of Japanese fishes. *Zoological Magazine Tokyo*, 29 (345): 198–201. (In Japanese)]

Lectotype (lost): ZUMT 8468, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県 田辺市] 宇井縫蔵採集)

Paralectotypes (lost): ZUMT 2187 (5), Tokyo Market, Japan; 1906. (東京市場)

Paralectotype (available): ZUMT 39156 (1), same as lectotype.

Remarks: There is no holotype designation in the original description. From the records in the ZUMT specimen ledger, there were ZUMT 2187 (5) and ZUMT 8468 that matched the scientific names. In addition, ZUMT 39156 with a cloth tag of “the same species to Ukisakuradai 0672” was found. From the record of the ZUMT specimen ledger, “0672” is the number given to ZUMT 8468 by the collector Nuizo Ui. Also, in the record of ZUMT 2187, there was a note that “2187 is 8468 reference”. These specimens are syntypes. (ICZN Art. 72.1.1, 72.4.1.1).

In the Figures and descriptions of the fishes of Japan (28: 503–506, pl. 136, fig. 379) by Tanaka (1918), ZUMT 8468 is re-described and illustrated as the holotype. The act of selecting a specific specimen from these syntypes as the name-bearing type (here, the holotype) is considered to be the designation of the lectotype, not the holotype (ICZN Art. 74.6). ZUMT 8468 is lectotype, and ZUMT 2187 (5) and ZUMT 39156 are paralectotypes (ICZN Art. 73.2.2).

Due to a typesetting error, the original spelling “*amaenus*” was corrected to subsequent spelling “*amoenus*” in Tanaka's (1918) Figures and descriptions of the fishes of Japan (28: 503–506) (ICZN Art. 32.5.1).

原記載にはホロタイプ指定がない。ZUMT 標本台帳の記録から学名に一致した ZUMT 2187 (5) と ZUMT 8468 があつた。さらに「ウキサクラダイ 0672 と同種」の布タグが付いていた ZUMT 39156 が見つかった。ZUMT 標本台帳の記録から「0672」は ZUMT 8468 に採集者宇井縫蔵氏が付けた番号である。また、ZUMT 2187 の記録には「2187 は 8468 参考」と書き込みがあつた。これらの標本はシタイプである(ICZN

Art. 72.1.1, 72.4.1.1)。

田中(1918)の日本産魚類図説(28: 503–506, pl. 136, fig. 379)では、ZUMT 8468 をホロタイプとして再記載し、図示した。このシタイプから特定の標本を担名タイプ(ここではホロタイプ)に選定した行為は、ホロタイプではなくレクトタイプの指定と見なされる(ICZN Art. 74.6)。ZUMT 8468 はレクトタイプとなり、ZUMT 2187 (5)とZUMT 39156 はパラレクトタイプである(ICZN Art. 73.2.2)。

原記載の原綴り「*amaenus*」は植字エラーのため、田中(1918)の日本産魚類図説(28: 503–506)で後綴り「*amoenus*」と訂正された(ICZN Art. 32.5.1)。

Current status: Synonym of *Pseudanthias elongatus* (Franz, 1910) ナガハナダイ

田中茂穂. 1918. 日本産魚類図説, 28: 495–514, pls. 136–137. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 28: 495–514, pls. 136–137. (In Japanese and English)]

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)]

Anderson, W. D., Jr. 2018. Annotated checklist of anthiadine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Selenanthias analis Tanaka, 1918 スミツキハナダイ

Original description: Tanaka (1918): 516, pl. 138 (fig. 385).

田中茂穂. 1918. 日本産魚類図説, 29: 515–538, pls. 138–139. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 29: 515–538, pls. 138–139. (In Japanese and English)]

Holotype (available): ZUMT 8458, Tokyo Market, Japan. (東京市場)

Paratypes (available): ZUMT 11940–ZUMT 11942 (3), same as holotype.

Remarks: The original description specified ZUMT 8458 as the holotype. This specimen has two cloth tags with the registration number "8458" and "Sketch No. 360". In addition to the holotype ZUMT 8458, the ZUMT specimen ledger record contained ZUMT 11940–ZUMT 11942 with the same scientific name and collection data. ZUMT 11941 and ZUMT 11942 had a cloth tag of "Sketch No. 360 Reference". These specimens are paratypes (ICZN Art. 72.4.1, 72.4.5).

原記載は ZUMT 8458 をホロタイプに指定した。この標本には、登録番号の「8458」と「写生番号 360 号」の布タグ2つが付いている。ホロタイプ ZUMT 8458 の他に ZUMT 標本台帳の記録には、学名と収集データが一致した ZUMT 11940–ZUMT 11942 があつた。ZUMT 11941 と ZUMT 11942 には「写生 360 号参考」の布タグが付いていた。これらの標本はパラタイプである(ICZN Art. 72.4.1, 72.4.5)。

Current status: Valid as *Selenanthias analis* Tanaka, 1918 スミツキハナダイ

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. 417–781pp.
[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)]
- 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. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.
- Gill, A. C., Pogonoski, J. J., Moore, G. I. and Johnson, J. W. 2021. Review of Australian species of *Plectranthias* Bleeker and *Selenanthias* Tanaka (Teleostei: Serranidae: Anthiadinae), with descriptions of four new species. *Zootaxa*, 4918 (1): 1–116.
- 望月健太郎・Jeong Byeol・本村浩之. 2021. 大隅諸島竹島から得られた初記録の魚類 23 種. *Ichthy, Natural History of Fishes of Japan*, 14: 48–53. [Mochizuki, K., Jeong, B. and Motomura, H. 2021. First records of 23 fish species from Take-shima island, Osumi Islands, Satsunan Islands, Kagoshima Prefecture, Japan. *Ichthy, Natural History of Fishes of Japan*, 14: 48–53. (In Japanese with English abstract)]

***Tosanoides flavofasciatus* Katayama & Masuda, 1980 キシマハナダイ**

Original description: Katayama and Masuda (1980): 51, figs. 1–3.

Katayama, M. and Masuda, H. 1980. *Tosanoides flavofasciatus*, a new anthiine fish from Sagami Bay, Japan, and the Tonga Ridge, Melanesia. *Japanese Journal of Ichthyology*, 27 (1): 51–55.

Holotype (available): ZUMT 54241, off Izu-Oshima (34°47'N, 139°24'E), Japan; 24 Jan. 1979; depth 50 meters; collected by Hajime Masuda.

Current status: Valid as *Tosanoides flavofasciatus* Katayama & Masuda, 1980 キシマハナダイ

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)]

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)]

Anderson, W. D., Jr. 2018. Annotated checklist of anthiine fishes (Percoidei: Serranidae). *Zootaxa*, 4475 (1): 1–62.

Parenti, P. and Randall, J. E. 2020. An annotated checklist of the fishes of the family Serranidae of the world with description of two new related families of fishes. *FishTaxa*, 15 (1): 1–170.

Plesiopidae タナバタウオ科

***Plesiops nakaharae* Tanaka, 1917 ナカハラタナバタウオ**

Original description: Tanaka (1917): 199.

田中茂穂. 1917. 日本産魚類の六新種. *動物学雑誌*, 29 (345): 198–201. [Tanaka, S. 1917. Six new species of Japanese fishes. *Zoological Magazine Tokyo*, 29 (345): 198–201. (In Japanese)]

Holotype (available): ZUMT 8128, probably Shima Province, Mie Pref., Japan; collected by Kosaku Nakahara. (おそらく志摩 中原鋼作採集)

Remarks: There is no holotype designation in the original description. ZUMT 8128 is the only sample that matches with the scientific name and collection data in the ZUMT sample ledger, and this sample is the holotype (ICZN Art. 72.4.1, 73.1.2).

In Tanaka's (1918) Figures and descriptions of the fishes of Japan (28: 497–500, pl. 137, fig. 383), ZUMT 8128 is holotype and is illustrated and re-described it. The specimen has a cloth tag that says "Sketch No. 355".

原記載にはホロタイプの指定がない。ZUMT 8128 は、ZUMT 標本台帳の記録から学名や収集データに一致する唯一の標本であり、この標本がホロタイプである(ICZN Art. 72.4.1, 73.1.2)。

田中(1918)の日本産魚類図説(28: 497–500, pl. 137, fig. 383)は、ZUMT 8128 をホロタイプとして、再記載と図示した。標本には「写生番号 355 号」と書かれた布タグが付いている。

Current status: Valid as *Plesiops nakaharae* Tanaka, 1917 ナカハラタナバタウオ

田中茂穂. 1918. 日本産魚類図説, 28: 495–514, pls. 136–137. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 28: 495–514, pls. 136–137. (In Japanese and English)]

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.]

Sano, M., Hayashi, M., Kishimoto, H., Manabe, H. and Kobayashi, K. 1984. Validity of the plesiopid fish *Plesiops nakaharae* Tanaka, 1917, with a record of *Plesiops cephalotaenia* from Japan. Science Report of the Yokosuka City Museum 32: 11–22, pls. 6–7.

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)]

Plesiops semeion Tanaka, 1917 タナバタウオ

Original description: Tanaka (1917): 200.

田中茂穂. 1917. 日本産魚類の六新種. 動物学雑誌, 29(345): 198–201. (Tanaka, S. 1917. Six new species of Japanese fishes. Zoological Magazine Tokyo, 29(345): 198–201. (In Japanese)]

Holotype (available): ZUMT 54367, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description. Tanaka (1918) restated the holotype in Figures and descriptions of the fishes of Japan (28: 495–514, pls. 136–137), but there was no information to identify the holotype such as the registration number. The unregistered specimens found in the ZUMT collection matched the illustrated specimens in body size and characteristics. This specimen is a holotype (ICZN Art. 72.4.1, 73.1). Registered in ZUMT 54367 of the ZUMT collection. It has a cloth tag of "Sketch No. 349".

原記載にはホロタイプの指定がない。田中(1918)の日本産魚類図説(28: 495–514, pls. 136–137)では、ホロタイプの再記載をしたが、登録番号などのタイプを特定する情報はなかった。ZUMT コレクションから発見された未登録標本は、原記載の体サイズや特徴が図説の標本に一致した。この標本はホロタイプとなる (ICZN Art. 72.4.1, 73.1)。ZUMT コレクションの ZUMT 54367 に登録した。「写生番号 349 号」の布タグが付いていた。

Current status: Synonym of *Plesiops coeruleolineatus* Rüppell, 1835 タナバタウオ

田中茂穂. 1918. 日本産魚類図説, 28: 495–514, pls. 136–137. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 28: 495–514, pls. 136–137. (In Japanese and English)]

- 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.]
- Mooi, R. D. 1995. Revision, phylogeny, and discussion of biology and biogeography of the fish genus *Plesiops* (Perciformes: Plesiopidae). Royal Ontario Museum Life Science Contributions 159: 1–107.
- 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)]

Apogonidae テンジクダイ科

Amia cathetogramma Tanaka, 1917 ヨコスジテンヂクダイ

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 (available): ZUMT 55054, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description, and no corresponding specimen record in the ZUMT specimen register. Specimens identified from the ZUMT collection were in good agreement with the original description in terms of body size and characteristics. This specimen is the holotype (ICZN Art. 72.4.1, 73.1). Registered as ZUMT 55054 in ZUMT collection.

原記載にはホロタイプ指定がなく、ZUMT 標本台帳に該当する標本の記録はない。ZUMT コレクションから確認された標本は、体サイズや特徴が原記載とよく一致した。この標本がホロタイプである(ICZN Art. 72.4.1, 73.1)。ZUMT コレクションに ZUMT 55054 として登録。

Current status: Synonym of *Apogonichthyoides sialis* (Jordan & Thompson, 1914) ヨコスジテンジクダイ

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. 300pp. (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)]

Mabuchi, K., Fraser, T. H., Song, H., Azuma, Y. and Nishida, M. 2014. Revision of the systematics of the cardinalfishes (Percomorpha: Apogonidae) based on molecular analyses and comparative reevaluation of morphological characters. Zootaxa, 3846 (2): 151–203.

Psomadakis, P. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

Kimura, S., Imamura, H., Nguyen, V. Q. and Pham, T. D. 2018. Fishes of Ha Long Bay, the World Natural Heritage Site in northern Vietnam. Shima (Japan), ix + 314 pp. (In English and Vietnamese. Chapters edited by 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.

Apogon ishigakiensis Ida & Moyer, 1974 イシガキテンジクダイ

Original description: Ida and Moyer (1974): 115, Figs. 1, 3A, 5A.

Ida, H. and Moyer, J. T. 1974. Apogonid fishes of Miyake-jima and Ishigaki-jima, Japan, with description of a new species. Japanese Journal of Ichthyology, 21 (3): 113–128.

Holotype (available): ZUMT 52989, northern coast of Iriomote-jima, Yaeyama, Ryukyu Islands, Okinawa Pref., Japan.

Paratypes (available): ZUMT 52988 (1), ZUMT 52990 (1), same as holotype.

Current status: Valid as *Ostorhinchus ishigakiensis* (Ida & Moyer, 1974) ミヤコイシモチ

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.]

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)]

Mabuchi, K., Fraser, T. H., Song, H., Azuma, Y. and Nishida, M. 2014. Revision of the systematics of the cardinalfishes (Percomorpha: Apogonidae) based on molecular analyses and comparative reevaluation of morphological characters. Zootaxa, 3846 (2): 151–203.

Koeda, K., Hibino, Y., Yoshida, T., Kimura, Y., Miki, R., Kunishima, T., Sasaki, D., Furukawa, T., Sakurai, M., Eguchi, K., Suzuki, H., Inaba, T., Uejo, T., Tanaka, S., Fujisawa, M., Wada, H. and Uchiyama, T. 2016. Annotated checklist of fishes of Yonaguni-jima Island, the westernmost island in Japan. The Kagoshima University Museum, Kagoshima, v + 119 pp, 1.

Henicichthys foraminosus Tanaka, 1915 クダリボオズギス

Original description: Tanaka (1915): 568.

田中茂穂. 1915. 日本産魚類の新種. 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)]

Syntype (available): ZUMT 2702 (1), Nagasaki Pref., Japan; March 1910 on donated by Nagasaki Normal School. (長崎県 1910年3月 長崎師範学校寄贈)

Syntype (lost): ZUMT 6366 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Syntype (available): ZUMT 7747 (1), probably Ise Bay, Japan; collected by Mansaku Kobayashi. (おそらく伊勢湾 小林萬作採集)

Syntype (available): ZUMT 9885 (1), Suo-oshima, Yamaguchi Pref., Japan; collected by Taneitsu Yamahara. (周防国大島[山口県大島郡周防大島町]山原種逸[山口県岩国中学校]採集)

Remarks: There is no holotype designation in the original description. From the records of the ZUMT specimen ledger, 6 specimens corresponded to the scientific names described in the new genus and new species, but the two specimens ZUMT 31351 and 35950 were registered after 1915 and are not included in the type series. Four specimens are syntypes (ICZN Art. 72.4.1.1, 73.2).

原記載にはホロタイプ指定がない。ZUMT 標本台帳の記録から新属新種で記載された学名と一致した6標本が該当したが、ZUMT 31351 と 35950 の2標本は、記載の 1915 年以降に登録されたものでタイプシリーズに含まれない。4 標本が、シタイプである (ICZN Art. 72.4.1.1, 73.2)。

Current status: Valid as *Gymnapogon foraminosus* (Tanaka, 1915) クダリボウズギス

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

松原喜代松. 1955. 魚類の形態と検索 I. 石崎書店, 東京. xii + 790 pp. [Matsubara, K. 1955. Fish morphology and hierarchy, Part I. Ishizaki-Shoten, Tokyo. xii + 790 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)]

Fraser, T. H. 2016. A new species of cardinalfish (*Gymnapogon*, Gymnapogonini, Apogonidae, Percomorpha) from the Philippines. Zootaxa, 4107 (3): 431-438.

吉田朋弘・本村浩之. 2016. 大隅諸島初記録のテンジクダイ科魚類クダリボウズギス. Nature of Kagoshima, 42: 173-177. [Yoshida, T. and Motomura, H. 2016. First records of *Gymnapogon japonicus* (Perciformes: Apogonidae) from the Osumi Islands, Kagoshima, Japan. Nature of Kagoshima, 42: 173-177. (In Japanese)]

Echeneididae コバンザメ科

Echeneis nubifera Tanaka, 1915 クモコバン

Original description: Tanaka (1915): 360, pls. 96 (302-303), 97 (304-305).

田中茂穂. 1915. 日本産魚類図説, 20: 343-370, pls. 96-100. [Tanaka, S. 1915. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 20: 343-370, pls. 96-100. (In Japanese and English)]

Holotype (available): ZUMT 54384, Matsuwa, near Misaki (Sagami Bay), Kanagawa Pref., Japan; collected by Mfg. Co., Ltd. Yamakoshi. (神奈川県三浦市三崎 松輪 山越製作所)

Remarks: There is no holotype designation in the original description. The ZUMT specimen ledger does not have a record of specimens to which the scientific name or collection data corresponds. From the ZUMT collection, there was a specimen with two cloth tags that read "Kumokoban, Yamakoshi Seisakusho" and "Sketch No. 156". Specimens that match the original description, such as body size, are holotype of *Echeneis nubifera*. Registered as ZUMT 54384 in ZUMT collection.

原記載にはホロタイプ指定がない。ZUMT 標本台帳にも学名や収集データが該当する標本の記録がない。ZUMT コレクションから「クモコバン 山越製作所」と「写真番号 156 号」と書かれた2つの布タグが付いた標本があった。体のサイズなど原記載と一致した標本は、*Echeneis nubifera* のホロタイプである(ICZN Art. 72.4.1, 73.1)。ZUMT コレクションに ZUMT 54384 として登録。

Current status: Synonym of *Remora remora* (Linnaeus, 1758) ナガコバン

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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.
- Dyldin, Yu. V. and Orlov, A. M. 2021. Annotated list of ichthyofauna of inland and coastal waters of Sakhalin Island. 3. Families Priacanthidae–Sebastidae. *Journal of Ichthyology*, 61 (6): 832–866.
- Parenti, P. 2021. Checklist of fishes of the family Echeeneidae. *International Journal of Zoological Investigations*, 7 (2): 566–573.
- 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.

Carangidae アジ科

Decapterus kurroides akaadsi Abe, 1958 アカアジ

Original description: Abe (1958): 176.

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

Holotype (available): ZUMT 49749, Hatsushima Island, west of Sagami Bay, Kanagawa Pref., Japan; 19 April 1956.

Remarks: The location of the following paratype 2 specimens from the Abe collection is unknown. ABE 57-120 (1), ABE 57-265 (1), Hatsushima Island, west of Sagami Bay, Kanagawa Pref., Japan; 19 April 1956.

次の阿部コレクションのパラタイプ 2 標本は、所在不明。ABE 57-120 (1), ABE 57-265 (1), Hatsushima Island, west of Sagami Bay, Kanagawa Pref., Japan; April 19, 1956.

Current status: Valid as *Decapterus akaadsi* Abe, 1958 アカアジ

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. 335 pp. [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.]

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)]

Kimura, S., Katahira, K. and Kuriwa, K. 2013. The red-fin *Decapterus* group (Perciformes: Carangidae) with the description of a new species, *Decapterus smithvanizi*. *Ichthyological Research*, 60 (4): 363–379.

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.

Leiognathidae ヒイラギ科

Gazza rhombea Kimura, Yamashita & Iwatsuki, 2000 ヒシコバンヒイラギ

Original description: Kimura, Yamashita and Iwatsuki (2000): 2, fig. 1.

Kimura, S., Yamashita, T. and Iwatsuki, Y. 2000. A new species, *Gazza rhombea*, from the Indo-West Pacific, with a redescription of *G. achlamys* Jordan & Starks, 1917 (Perciformes: Leiognathidae). Ichthyological Research, 47 (1): 1–12.

Paratypes (available): ZUMT 55151, ZUMT 55152 (2), Sandakan, Sabah, Malaysia; Mar. 1937.

Current status: Valid as *Gazza rhombea* Kimura, Yamashita & Iwatsuki, 2000 ヒシコバンヒイラギ

Yamashita, T. and S. Kimura. 2001. A new species, *Gazza squamiventralis* from the east coast of Africa (Perciformes: Leiognathidae). Ichthyological Research, 48 (2): 161–166.

Psomadakis, P. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

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.

Leiognathus aureus Abe & Haneda, 1972

Original description: Abe and Haneda (1972): 3, pl. 1, figs. 1B, 2B.

Abe, T. and Haneda, Y. 1972. Descriptions of two new species of the ponyfish genus *Leiognathus* from Indonesia. Science Report of the Yokosuka City Museum, 19: 1–7. [Japanese summary]

Holotype (lost): ZUMT 52703, Ambon Fish Market, Ambon, Indonesia; 18 Nov. 1969; collected by Y. Haneda.

Paratype (lost): ZUMT 52704 (1), same as holotype.

Remarks: Kimura et al. (2003) designated YCM-P35792 (Yokosuka City Museum, Yokosuka City, Kanagawa, Japan) as a neotype, and the paratype ABE 16076 from the Abe collection was registered with YCM-P35800.

Additionally, the location of the following three paratype specimens from the Abe collection is unknown.

ABE15430 (1), ABE15431 (1), ABE16077 (1).

Kimura et al (2003) は YCM-P35792 (Yokosuka City Museum, Yokosuka City, Kanagawa, Japan) をネオタイプに指定し、さらに阿部コレクションのパラタイプ ABE 16076 を YCM-P 35800 に再登録した。また、以下の阿部コレクションのパラタイプ 3 標本は、所在不明。ABE 15430 (1)、ABE 15431 (1)、ABE 16077 (1)。

Current status: Valid as *Photopectoralis aureus* (Abe & Haneda, 1972) キビレヒイラギ

Kimura, S., Dunlap, P. V., Peristiwady, T. and Lavilla-Pitogo, R. 2003. The *Leiognathus aureus* complex (Perciformes: Leiognathidae) with the description of a new species. Ichthyological Research, 50 (3): 221–232.

Psomadakis, P. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

畑 晴陵・本村浩之. 2019. 大隅半島東岸の内之浦湾から得られた キビレヒイラギ (スズキ目:ヒイラギ科).

Nature of Kagoshima, 46: 33–37. [Hata, H. and Motomura, H. 2019. First record of *Photopectoralis aureus* (Perciformes: Leiognathidae) from Uchinoura Bay, east coast of Osumi Peninsula, Kagoshima Prefecture, southern Japan. Nature of Kagoshima, 46: 33–37. (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.

***Leiognathus hiraii* Abe & Haneda, 1972**

Original description: Abe and Haneda (1972): 1, pl. 1, figs. 1A, 2A.

Abe, T. and Haneda, Y. 1972. Descriptions of two new species of the ponyfish genus *Leiognathus* from Indonesia. Science Report of the Yokosuka City Museum, 19: 1–7. [Japanese summary.]

Holotype (lost): ZUMT 52701, Ambon Fish Market, Ambon, North Maluku, Indonesia; 18 Nov. 1969; collected by Y. Haneda.

Paratype (lost): ZUMT 52702 (1), same as holotype.

Remarks: Kimura et al. (2003) designated YCM-P 37696 (Yokosuka City Museum, Yokosuka City, Kanagawa, Japan) as a neotype. The location of the Abe collection paratypes is unknown. ABE 15428 – ABE 15429 (2).

Kimura et al. (2003) は YCM-P 37696 (Yokosuka City Museum, Yokosuka City, Kanagawa, Japan) をネオタイプに指定した。阿部コレクションのパラタイプは、所在不明。ABE 15428 – ABE 15429 (2)。

Current status: Valid as *Photopectoralis hiraii* (Abe & Haneda, 1972)

Kimura, S., Dunlap, P. V., Peristiwady, T. and Lavilla-Pitogo, R. 2003. The *Leiognathus aureus* complex (Perciformes: Leiognathidae) with the description of a new species. Ichthyological Research, 50 (3): 221–232.

Bromide シマガツオ科

***Bentvena aesticola* Jordan & Snyder, 1901**

Original description: Jordan and Snyder (1901): 306, pl. 16, fig. 6.

Jordan, D. S. and Snyder, J. O. 1901. Descriptions of nine new species of fishes contained in museums of Japan. Journal of the College of Science, Imperial University, Tokyo, 15 (2): 301–311, pls. 15–17.

Holotype (lost): ZUMT 2740, off Kashima coast near Mito, Hitachi, Ibaraki Pref., Japan.

Remarks: There is no holotype designation in the original description. ZUMT 2740 is the only holotype that matches the scientific name and collection data from the records in the ZUMT specimen ledger (ICZN Art. 72.4.1, 73.1.2). This holotype disappeared in the fire of the Great Kanto Earthquake of 1923 (Tanaka S. 1927. “Figures and descriptions of the fishes of Japan” 40: 770–775).

原記載にはホロタイプの指定がない。ZUMT 2740 は ZUMT 標本台帳の記録から学名や採集データに一致する唯一の標本でホロタイプとなる(ICZN Art. 72.4.1, 73.1.2)。このホロタイプは、1923年の関東大地震の火災で消失した(田中茂穂. 1927. “日本産魚類図説” 40: 770–775)。

Current status: Valid as *Pteraclis aesticola* (Jordan & Snyder, 1901) ベンテンウオ

田中茂穂. 1927. 日本産魚類図説, 40: 757–784, pls. 167–169. [Tanaka, S. 1927. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 40: 757–784, pls. 167–169. (In Japanese and English)]

Mead, G. W. 1957. Bramidae. Dana Report 81: 1–166, pls. 1–9.

- 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)]
- 畑 晴陵・伊東正英・山田守彦・高山真由美・本村浩之. 2015. 標本に基づく鹿児島県のシマガツオ科魚類相. *Nature of Kagoshima*, 41: 73–93. [Hata, H., Itou, M., Yamada, M., Takayama, M. and Motomura, H. 2015. Bramid fishes of Kagoshima Prefecture, southern Japan. *Nature of Kagoshima*, 41: 73–93. (In Japanese)]

Emmelichthyidae ハチビキ科

Emmelichthys struhsakeri Heemstra & Randall, 1977

Original description: Heemstra and Randall (1977): 382, fig. 5a.

Heemstra, P. C. and Randall, J. E. 1977. A revision of the Emmelichthyidae (Pisces: Perciformes). *Australian Journal of Marine and Freshwater Research*, 28 (3): 361–396.

Paratype (available): ZUMT 53889 (1), Penguin Bank, Cr. 40 Sta. 1 (21°09.8N, 157°27.5'W); 6 Nov. 1968; 183 m depth; 12.5 m shrimp trawl; collected by R/V Townsend Cromwell.

Paratypes (available): ZUMT 54056 (1, ABE 16710), ZUMT 54057 (1, previously ABE 16712), off Manazuru (Sagami Bay), Kanagawa Pref., Japan.

Remarks: The paratypes ABE 16710 and ABE 16712 specified in the original description were registered in ZUMT 54056 and ZUMT 54057, respectively.

原記載で指定されたパラタイプ ABE 16710 と ABE 16712 は、それぞれ ZUMT 54056 と ZUMT 54057 に登録された。

Current status: Valid as *Emmelichthys struhsakeri* Heemstra & Randall, 1977 ロウソクチビキ

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. 436 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.]

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)]

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)]

畑 晴陵・高山真由美・本村浩之. 2016. トカラ列島から得られたハチビキ科魚類ロウソクチビキ *Emmelichthys struhsakeri*. *Nature of Kagoshima*, 42: 207–211. [Hata, H., Takayama, M. and Motomura, H. 2016. First records of *Emmelichthys struhsakeri* (Perciformes: Emmelichthyidae) from the Tokara Islands, Kagoshima Prefecture, southern Japan. *Nature of Kagoshima*, 42: 207–211. (In Japanese)]

園山貴之・荻本啓介・堀 成夫・内田喜隆・河野光久. 2020. 証拠標本および画像に基づく山口県日本海産魚類目録. 鹿児島大学総合研究博物館研究報告, 11: 1–152. [Sonoyama, T., Ogimoto, K., Hori, S., Uchida, Y. and Kawano, M. 2020. An annotated checklist of marine fishes of the Sea of Japan off Yamaguchi Prefecture, Japan, with 74 new records. Bulletin of the Kagoshima University Museum, 11: 1–152. (In Japanese)]

Lutjanidae フエダイ科
Aprion kanekonis Tanaka, 1914 カネコフエダイ

Original description: Tanaka (1914): 300, pl. 82 (fig. 276).

田中茂徳. 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)]

Holotype (available): ZUMT 3687, Nagasaki Market, Nagasaki Pref., Japan; Nov. 1913; collected by Ichiro Kaneko. (長崎市場 大正 2 年 11 月 金子一狼採集)

Remarks: There is no holotype designation in the original description. ZUMT 3687 is the only specimen whose scientific name and collected data match the records in the ZUMT specimen ledger. This specimen is the holotype (ICZN Art. 72.4.1.1, 73.1.2).

This specimen has an original cloth tag with "3687" and "Nagasaki. Sketch No. 265" written on it.

原記載にはホロタイプの指定がない。ZUMT 3687 は、ZUMT 標本台帳の記録に学名と収集データが一致した唯一の標本である。この標本はホロタイプである (ICZN Art. 72.4.1.1, 73.1.2)。この標本には「3687」、「長崎. 写生番号 265 号」と書かれたオリジナルの布タグが付いている。

Current status: Synonym of *Pristipomoides filamentosus* (Valenciennes, 1830) オオヒメ

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. 335 pp. [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, 335 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.]

Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis, 125, 6: 1–208.

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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

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.

Apsilus pluvius Tanaka, 1917 アメフエダイ

Original description: Tanaka (1917): 40.

田中茂穂. 1917. 日本産魚類の六新種. 動物学雑誌, 29 (340): 37–40. [Tanaka, S. 1917. Six new species of Japanese fishes. Zoological Magazine Tokyo, 29 (340): 37–40. (In Japanese)]

Holotype (lost): ZUMT 4677, Tokyo Market, Tokyo, Japan. (東京市場)

Remarks: There is no type series designation in the original description. There was only one specimen ZUMT 4677 from the ZUMT specimen ledger that matched the scientific name and collected data. ZUMT 4677 is a holotype (ICZN Art. 72.4.1, 73.1). No specimens have been identified at this time.

原記載にホロタイプの指定がない。ZUMT 標本台帳から学名や収集データに一致する唯一の標本 ZUMT 4677 があつた。ZUMT 4677 がホロタイプである(ICZN Art. 72.4.1, 73.1)。現時点で標本は確認できていない。

Current status: Synonym of *Aprion virescens* Valenciennes, 1830 アオチビキ

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. 335 pp. [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, 335 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.]

Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 6: 1–208.

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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

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.

Lutjanus stellatus Akazaki, 1983 ホシフエダイ

Original description: Akazaki (1983): 367, figs. 2, 3B.

Akazaki, M. 1983. A new lutjanid fish, *Lutjanus stellatus*, from southern Japan and a related species, *L. rivulatus* (Cuvier). Japanese Journal of Ichthyology, 29 (4): 365–373.

Paratype (lost): ZUMT 54350 (1), Kushima City, Miyazaki Pref., Japan; 25 July 1973.

Paratype (available): ZUMT 62527 (1, previously M 7408), Udo, Nichinan City, Miyazaki Pref., Japan; 31 Aug. 1981.

Remarks: Paratype ZUMT 54350 has a registration number tag and has not been delivered to ZUMT. Its whereabouts are unknown. Paratype M7408 (Miyazaki University) was transferred and registered in ZUMT 62527.

パラタイプの ZUMT 54350 は、登録番号タグが保管されており、ZUMT には届いていない。その所在は不明。パラタイプ M7408 (Miyazaki University) は移管され、ZUMT 62527 に登録された。

Current status: Valid as *Lutjanus stellatus* Akazaki, 1983 フエダイ

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.]

Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 6: 1–208.

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)]

Tanaka, F. and Shinohara, G. 2018. Taxonomy and distribution of star snapper *Lutjanus stellatus* Akazaki, 1983 (Perciformes: Lutjanidae). Bulletin of the National Museum of Nature and Science, Series A, 44 (1): 29–40.

Paracaesio kusakarii Abe, 1960 シマアオダイ

Original description: Abe (1960): 56.

Abe, T. 1960. Description of a new lutjanid fish of the genus *Paracaesio* from Japan. Japanese Journal of Ichthyology, 8 (1–2): 56–62.

Holotype (available): ZUMT 51906, purchased at the Central Wholesale Market of Tokyo on June 20, 1950; undoubtedly fished by hook and line from the sea south of Tokyo and probably near Hachijo Island.

Paratype (available): ZUMT 51907 (1, skeleton), purchased at the same market as above on September 5, 1960; undoubtedly fished by hook and line from the sea south of Tokyo.

Paratype (available): ZUMT 51908 (1, skeleton), purchased at the same market as above on September 14, 1960; undoubtedly fished by hook and line from the sea south of Tokyo.

Current status: Valid as *Paracaesio kusakarii* Abe, 1960 シマアオダイ

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.]

Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 6: 1–208.

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)]

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)]

Paracaesio sordidus Abe & Shinohara, 1962 ヨゴレアオダイ

Original description: Abe and Shinohara (1962):163, pl. 1 (fig. 1); figs. 1–5.

Abe, T. and Shinohara, S. 1962. Description of a new lutianid fish from the Ryukyu Islands. Japanese Journal of Ichthyology, 9 (1–6): 163–171, pl. 1.

Holotype (available): ZUMT 52043, Okinawa Island, Ryukyu Islands, Japan.

Paratype (available): ZUMT 51922 (1), same as holotype at March 1961.

Paratypes (available): ZUMT 52041 (1), ZUMT 52042 (1, skeleton), ZUMT 52044 (1, head bones only), same as holotype.

Remarks: The paratype ZUMT 51992 in the original description is a clerical error of ZUMT 51922.

原記載にあるパラタイプの ZUMT 51992 は ZUMT 51922 の誤記である。

Current status: Valid as *Paracaesio sordidus* Abe & Shinohara, 1962 ヨゴレアオダイ

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. 335 pp. [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, 335 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.]

Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 6: 1–208.

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. 2530pp. (In Japanese)]

江口慶輔・本村浩之. 2016. フェダイ科ヨゴレアオダイ *Paracaesio sordida* の種子島と奄美大島からの記録. Nature of Kagoshima, 42: 219–223. (Eguchi, K. and Motomura, H. 2016. First records of *Paracaesio sordida* (Perciformes: Lutjanidae) from Tanega-shima and Amami-oshima islands, Kagoshima Prefecture, southern Japan. Nature of Kagoshima, 42: 219–223. (In Japanese)]

Vegetichthys tumidus Tanaka, 1917 ヒワダイ

Original description: Tanaka (1917): 7.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Syntype (lost): ZUMT 7267 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko, Sep. 1915. (長崎市場 大正四年九月 金子一狼採集)

Syntype (lost): ZUMT 8091 (1), Tanabe, Wakayama Pref., 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 type series designation in the original description. From the ZUMT specimen ledger, two, ZUMT 7267 and ZUMT 8091, matched the scientific name "*Vegetichthys tumidus*". The ZUMT 7267 and ZUMT 8091 are syntypes (ICZN Art. 72.1.1, 72.4.1.1, 73.2). No specimens have been identified at this time.

原記載にはホロタイプの指定がない。ZUMT 標本台帳の記録から ZUMT 7267 と ZUMT 8091 の 2 標本が学名「*Vegetichthys tumidus*」に一致した。この ZUMT 7267 と ZUMT 8091 はシントタイプである(ICZN Art. 72.1.1, 72.4.1.1, 73.2)。現在、標本は確認できていない。

- Current status: Synonym of *Paracaesio xanthura* (Bleeker, 1869) ウメイロ
 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)]
- Allen, G. R. 1985. FAO species catalogue. Vol. 6. Snappers of the world. An annotated and illustrated catalogue of lutjanid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 6: 1–208.
- 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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.
- 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.
- 畑 晴陵・本村浩之. 2021. 甌島列島初記録のウメイロ (スズキ目フエダイ科). Nature of Kagoshima, 47: 209–214. [Hata, H. and Motomura, H. 2021. First record of *Paracaesio xanthura* (Perciformes: Lutjanidae) from the Koshiki Islands, East China Sea, Japan. Nature of Kagoshima, 47: 209–214. (In Japanese with English abstract)]

Caesionidae タカサゴ科

Pterocaesio (Squamosicaesio) randalli Carpenter, 1987

- Original description: Carpenter (1987): 35, pls. 3D, 7F.
 Carpenter, K. E. 1987. Revision of the Indo-Pacific fish family Caesionidae (Lutjanoidea), with descriptions of five new species. Indo-Pacific Fishes, 15: 1–56, pls. 1–7.
- Paratype (available):** ZUMT 55404 (1), Lapu-Lapu City Market, Mactan Island, (E of Cebu Island), Philippine Islands; 27 May 1981; collected by K. E. Carpenter.

- Current status: Valid as *Pterocaesio randalli* Carpenter, 1987
 Carpenter, K. E. 1988. FAO species catalog. Vol. 8. Fusilier fishes of the World. An annotated and illustrated catalogue of caesionid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 8: 1–75, pls. 1–5.
- 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.

Pterocaesio (Squamosicaesio) tessellate Carpenter, 1987

- Original description: Carpenter (1987): 47, pls. 5A, 7J.

Carpenter, K. E. 1987. Revision of the Indo-Pacific fish family Caesionidae (Lutjanoidea), with descriptions of five new species. *Indo-Pacific Fishes*, 15: 1–56, pls. 1–7.

Paratype (available): ZUMT 55405 (1), 8 miles from York Breakers on a 63° bearing, coral reef; W Palawan, Philippines; 7 Feb. 1985; collected by K.E. Carpenter.

Current status: Valid as *Pterocaesio tessellate* Carpenter, 1987

Carpenter, K. E. 1988. FAO species catalog. Vol. 8. Fusilier fishes of the World. An annotated and illustrated catalogue of caesionid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 8: 1–75, pls. 1–5.

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.

Pterocaesio (Squamosicaesio) trilineata Carpenter, 1987

Original description: Carpenter (1987): 43, pls. 4D, 7I.

Carpenter, K. E. 1987. Revision of the Indo-Pacific fish family Caesionidae (Lutjanoidea), with descriptions of five new species. *Indo-Pacific Fishes*, 15: 1–56, pls. 1–7.

Paratypes (available): ZUMT 55406 (1), Dravuni Island; Kandavu; Fiji; 26 Mar. 1983.

Current status: Valid as *Pterocaesio trilineata* Carpenter, 1987 イッセンタカサゴ

Carpenter, K. E. 1988. FAO species catalog. Vol. 8. Fusilier fishes of the World. An annotated and illustrated catalogue of caesionid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 8: 1–75, pls. 1–5.

Nemipteridae イトヨリダイ科

Leptoscolopsis nagasakiensis Tanaka, 1915 イトタマガシラ

Original description: Tanaka (1915): 365, pl. 98 (fig. 308).

田中茂穂. 1915. 日本産魚類図説, 20: 343–370, pls. 96–100. [Tanaka, S. 1915. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 20: 343–370, pls. 96–100. (In Japanese and English)]

Holotype (available): ZUMT 3689, Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Remarks: The original description specified ZUMT 3687 as the holotype. This specimen has an original cloth tag with the words "3689" and "Nagasaki, Sketch No. 265".

原記載はホロタイプに ZUMT 3687 を指定した。この標本には「3689」、「長崎. 写生番号 265 号」と書かれたオリジナルの布タグが付いている。

Current status: Valid as *Pentapodus nagasakiensis* (Tanaka, 1915) イトタマガシラ

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.]

- Russell, B. C. 1990. FAO species catalog. Vol. 12. Nemipterid fishes of the world. (Threadfin breams, whiptail breams, monocle breams, dwarf monocle breams, and coral breams). Family Nemipteridae. An annotated and illustrated catalog of Nemipterid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 12: 1–149, pls. 1–8.
- Larson, H. K., Williams, R. S. and Hammer, M. P. 2013. An annotated checklist of the fishes of the Northern Territory, Australia. *Zootaxa*, 3696 (1): 1–293.
- 中坊徹次(編). 2013. 日本海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)]
- 藤原恭司・畑 晴陵・本村浩之. 2014. 標本に基づく鹿児島県のイトヨリダイ科魚類相. *Nature of Kagoshima*, 40: 59–67. [Fujiwara, K., Hata, H. and Motomura, H. 2014. Nemipterid fishes of Kagoshima Prefecture, southern Japan. *Nature of Kagoshima*, 40: 59–67. (In Japanese)]
- Allen, G. R., Erdmann, M. V. and Brooks, W. M. 2018. *Pentapodus berryae*, a new species of Whiptail (Pisces: Nemipteridae) from Papua New Guinea. *aqua, International Journal of Ichthyology*, 24 (2): 81–88.

Nemipterus matsubarae Jordan & Evermann, 1902

Original description: Jordan and Evermann (1902): 346, fig. 18.

Jordan, D. S. and B. W. Evermann. 1902. Notes on a collection of fishes from the island of Formosa. *Proceedings of the United States National Museum* vol. 25 (1289): 315–368.

Holotype (lost): ZUMT 5018, Giran [Yilan], Taiwan.

Paratype (lost): ZUMT uncatalogued (1), Giran [Yilan], Taiwan.

Remarks: There are two specimens in the original description. The holotype is originally described as "Type.—No. 5071, specimen 10.6 inches long, from Giran, Formosa, returned to the Imperial University of Tokyo". The other is a paratype with "8 inches long" and "One specimen 8 inches long, from Giran, Formosa". ZUMT 5018 in the ZUMT specimen ledger says "*Euthyoptero ma matubarae* 1 piece" and "Taiwan Type I.U. Giran". "I.U." is an abbreviation for "Imperial University". This specimen ZUMT5018 is holotype. On the other hand, for the paratype, there is no record of the specimen corresponding to the ZUMT specimen ledger, and there is no specimen that matches the description in the ZUMT collection.

原記載には2標本がある。ホロタイプは「Type.—No. 5071, specimen 10.6 inches long, from Giran, Formosa, returned to the Imperial University of Tokyo」と原記載にある。もう1つは「8 inches long」, 「One specimen 8 inches long, from Giran, Formosa」と書かれており、パラタイプとなる。ZUMT 標本台帳の ZUMT 5018 には、「*Euthyoptero ma matubarae* 一個」、「台湾 Type I.U. Giran」と書かれている。「I.U.」は「Imperial University」の略号である。この標本 ZUMT5018 がホロタイプである(ICZN Art. 72.4.1, 73.1)。一方、パラタイプは 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 *Nemipterus virgatus* (Houttuyn, 1782) イトヨリダイ

Russell, B. C. 1990. FAO species catalog. Vol. 12. Nemipterid fishes of the world. (Threadfin breams, whiptail breams, monocle breams, dwarf monocle breams, and coral breams). Family Nemipteridae. An annotated and illustrated catalog of Nemipterid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 12: 1–149, pls. 1–8.

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. 日本海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)]

藤原恭司・畑 晴陵・本村浩之. 2014. 標本に基づく鹿児島県のイトヨリダイ科魚類相. *Nature of Kagoshima*, 40: 59–67. [Fujiwara, K., Hata, H. and Motomura, H. 2014. Nemipterid fishes of Kagoshima Prefecture, southern Japan. *Nature of Kagoshima*, 40: 59–67. (In Japanese)]

Lethrinidae フェフキダイ科

Gymnocranius elongatus Senta, 1973 オナガメイチダイ

Original description: Senta (1973): 135, figs. 1–5.

Senta, T. 1973. A new sparoid fish, *Gymnocranius elongatus*, from the southern South China Sea. *Japanese Journal of Ichthyology*, 20 (3): 135–144.

Paratypes (lost): ZUMT 52946–ZUMT 52949 (4), Sarawak state, Borneo, East Malaysia (3°31'–4°32'N, 109°42'–110°23'E); 67–114 m depth; 21–22 Oct. 1971.

Remarks: The specimen's whereabouts are unknown, as the paratype's registration number tag has been kept and the specimen has not reached ZUMT.

パラタイプの登録番号タグが保管されており、標本が ZUMT に届いていないため、標本の所在は不明。

Current status: Valid as *Gymnocranius elongatus* Senta, 1973 オナガメイチダイ

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. 335 pp. [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, 335 pp. (In Japanese and English; various authors)]

Carpenter, K. E. and Allen, G. R. 1989. FAO species catalogue. Vol. 9. Emperor fishes and large-eye breams of the world (family Lethrinidae). An annotated and illustrated catalogue of lethrinid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 9: 1–118, Pls. 1–8.

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.

Lethrinus rubrioperculatus Sato, 1978 ホホアカクチビ

Original description: Sato (1978): 58, pl. 12 (fig. A); fig. 34.

Sato, T. 1978. A synopsis of the sparoid fish genus *Lethrinus*, with the description of a new species. *Bulletin of the University Museum, University of Tokyo*, 15: 1–70, pls. 1–12.

Holotype (available): ZUMT 53991, Naha Fish Market, Okinawa Pref., Ryukyu Islands, Japan; 1 April 1977.

Paratype (available): ZUMT 52897 (1), Little Andaman Island, Andaman Islands, India, Indian Ocean.

Paratype (available): ZUMT 52436 (1), ZUMT 52525 (1), Ishigaki Island, Okinawa Pref., Japan.

Paratype (lost): ZUMT 52601 (1), Hachijo Island, Izu Islands, Tokyo, Japan.

Paratypes (lost): ZUMT 52614 (1), ZUMT 52618–ZUMT 52619 (2), ZUMT 52623–ZUMT 52627 (5), Ogasawara Islands, Japan.

Paratypes (lost): ZUMT 52686–ZUMT 52693 (8), Louisiade Archipelago, Milne Bay, Papua New Guinea.

Paratype (lost): ZUMT 52906 (1), Little Andaman Island, Andaman Islands, India, Indian Ocean.

Paratypes (lost): ZUMT 53996 (1), Tutuila Island, Samoa Islands, Territory of American Samoa.

Remarks: The original specimen abbreviation UMUTZ (Department of Zoology, the University Museum, the University of Tokyo) and ZUMT (Department of Zoology, the University Museum, the University of Tokyo) are the same organization.

原記載にある略号 UMUTZ (Department of Zoology, the University Museum, University of Tokyo)は、ZUMT(Department of Zoology, the University Museum, the University of Tokyo)と同じである。

Current status: Valid as *Lethrinus rubrioperculatus* Sato, 1978 ホオアカクチビ

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. 335 pp. [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, 335 pp. (In Japanese and English; various authors)]

Carpenter, K. E. and Allen, G. R. 1989. FAO species catalogue. Vol. 9. Emperor fishes and large-eye breams of the world (family Lethrinidae). An annotated and illustrated catalogue of lethrinid species known to date. FAO (Food and Agriculture Organization of the United Nations) Fisheries Synopsis No. 125, 9: 1–118, pls. 1–8.

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.

Sparidae タイ科

Parargyrops edita Tanaka, 1916 ヒレコダイ

Original description: Tanaka (1916): 141.

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)]

Lectotype (available): ZUMT 7089, Tokyo Market, Tokyo, Japan. (Probably came from Korea or Near Bakan [Shimonoseki, Yamaguchi Pref.]); collected by Shigeho Tanaka. (東京市場 おそらく朝鮮または馬関附近 [山口県下関] 田中茂穂採集)

Paralectotypes (available): 25 specimens

ZUMT 12591 (1), ZUMT 12594 (1), ZUMT 12595 (1), ZUMT 12597–ZUMT 12602 (6), ZUMT 12604 (1), ZUMT 12605 (1), ZUMT 12607 (1), ZUMT 12614 (1), ZUMT 12616–ZUMT 12618 (3), ZUMT 12621–ZUMT 12624 (4), ZUMT–ZUMT 12631 (3), same as holotype.

Paralectotypes (lost): ZUMT 12603 (1), ZUMT 12634 (1), same as holotype.

Remarks: There is no holotype designation in the original description. In the original description, "The third and fourth spines of the dorsal fin may be long, and sometimes the fifth spine is also long," indicate multiple specimens. There were 28 specimens matching the scientific name and collection data in the ZUMT specimen ledger. All of these specimens are syntypes (ICZN Art. 72.4.1, 73.2).

In "Figures and descriptions of the fishes of Japan" (24: 425–428, pl. 116, fig. 342) by Tanaka (1916), ZUMT 7089 is described and illustrated as the holotype. This act is the selection of the name-bearing type (here, the holotype) from the syntypes, and is regarded as the designation of the lectotype rather than the selection of the holotype (ICZN 74.5). ZUMT 7089 is considered to be lectotype, not holotype, and the other 27 specimens are paralectotypes. ZUMT 7089 has a cloth tag of "7089" and "Sketch No. 287".

原記載にホロタイプの指定はない。原記載では、「背鰭第3棘及び第4棘頗長く時に第5棘も頗る長きことあり」は、複数の標本を示している。ZUMT 標本台帳には学名や収集データに一致する標本が 28 個体あった。それら全ての標本はシタイプである (ICZN Art. 72.4.1, 73.2)。

田中(1916)の日本産魚類図説(24: 425–428, pl. 116, fig. 342)では、ZUMT 7089 をホロタイプとして記載、図示した。この行為は、シタイプの中から担名タイプ(ここでは、ホロタイプ)の選定となり、ホロタイプの固定ではなくレクトタイプの指定と見なされる(ICZN Art. 74.5)。ZUMT 7089 はホロタイプではなく、レクトタイプと見なされ、その他の 27 標本はパラレクトタイプとなる。レクトタイプ ZUMT 7089 には「7089」と「写生番号 287 号」の布タグが付いている。

Current status: Valid as *Parargyrops edita* Tanaka, 1916 ヒレコダイ

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)]

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.]

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)]

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. 2019. An annotated checklist of the fishes of the family Sparidae. *FishTaxa*, 4 (2): 47–98.

Rhabdosargus thorpei Smith, 1979

Original description: Smith (1979): 704, fig. 1A.

Smith, M. M. 1979. *Rhabdosargus thorpei*, a new sparid fish from South Africa, with a key to the species of *Rhabdosargus*. *Copeia*, 1979 (4): 702–709.

Paratype (available): ZUMT 54143 (1), from 100 km south of Durban (ca 30°S, 31°E), Republic of South Africa.

Current status: Valid as *Rhabdosargus thorpei* Smith, 1979

Heemstra, P. C. and Heemstra, E. 2004. Coastal fishes of southern Africa. NISC and SAIAB. xxiv + 488 pp.

Fricke, R., Mahafina, J., Behivoke, F., Jaonalison, H., Léopold, M. and Ponton, D. 2018. Annotated checklist of the fishes of Madagascar, southwestern Indian Ocean, with 158 new records. *FishTaxa*, 3 (1): 1–432.

Parenti, P. 2019. An annotated checklist of the fishes of the family Sparidae. *FishTaxa*, 4 (2): 47–98.

Sciaenidae ニベ科

Sciaena aurea Tanaka, 1916 キグチ、キングチ

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)]

Syntypes (available): ZUMT 6818–6819 (2), Nagasaki Market, Nagasaki Pref., Japan; Oct. 1915; collected by Ichiro Kaneko. (長崎市場 大正 4 年 10 月 金子一狼採集)

Syntype (available): ZUMT 7325 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Remarks: There is no holotype designation in the original description. There were multiple records in the ZUMT specimen ledger that matched the scientific name and collected data. One record is "6818–6819 *Sciaena aurea* n. sp. 0735 Kingchi, October 1914, Nagasaki, Ichiro Kaneko" and "7325 *Sciaena aurea* 0605 Kingchi Nagasaki, Ichiro Kaneko". The three specimens ZUMT 6818, ZUMT 6819 and ZUMT 7325 are syntypes (ICZN Art. 72.4.1, 73.2.).

原記載にホロタイプ指定はない。ZUMT 標本台帳に学名と採集データに一致した複数の記録があった。

1つの記録は「6818–6819 *Sciaena aurea* n. sp. 0735 キングチ 大正4年10月、長崎 金子一狼」の2標本と「7325 *Sciaena aurea* 0605 キングチ 長崎 金子一狼」の記載である。ZUMT 6818、ZUMT 6819とZUMT 7325の3標本は、シントタイプである(ICZN Art. 72.4.1, 73.2)。

Current status: Synonym of *Larimichthys polyactis* (Bleeker, 1877) キグチ

Trewavas, E. 1977. The sciaenid fishes (croakers or drums) of the Indo-West-Pacific. Transactions of the Zoological Society of London, 33 (4): 253–541+ frontispiece, pls. 1–14.

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.]

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)]

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)]

Seah, Y. G., Hanafi, N., Mazlan, A. G. and Chao, N. L. 2015. A new species of *Larimichthys* from Terengganu, east coast of Peninsular Malaysia (Perciformes: Sciaenidae). Zootaxa, 3956 (2): 271–280.

Parenti, P. 2020. An annotated checklist of fishes of the family Sciaenidae. Journal of Animal Diversity, 2 (1): 1–92.

Sciaena distincta Tanaka, 1916 チョオセングチ

Original description: Tanaka (1916): 26.

田田中茂穂. 1915. 日本産魚類の二新種. 動物学雑誌, 27 (326): 615–616. [Tanaka, S. 1915. Ten new species of Japanese fishes. Zoological Magazine Tokyo, 27 (326): 615–616. (In Japanese)]

Holotype (available): ZUMT 6811, Nagasaki Market, Nagasaki Pref., Japan; Oct. 1915; collected by Ichiro Kaneko. (長崎市場 大正4年10月 金子一狼採集)

Remarks: There is no description of holotype in the original description. ZUMT 6811 is the only specimen in the ZUMT specimen ledger that matches the scientific name and collected data of this species. The ZUMT 6811 is holotype (ICZN Art. 72.4.1.1, 73.1.2).

原記載にはホロタイプの指定がない。ZUMT 6811 は、ZUMT 標本台帳に原記載の学名や収集データが一致する唯一の標本である。ZUMT 6811 はホロタイプである(ICZN Art. 72.4.1.1, 73.1.2)。

Current status: Valid as *Johnius distinctus* (Tanaka, 1916) アブラグチ

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.]

Sasaki, K. and Amaoka, K. 1989. *Johnius distinctus* (Tanaka, 1916), a senior synonym of *J. tingi* (Tang, 1937) (Perciformes, Sciaenidae). Japanese Journal of Ichthyology, 35 (4): 466–468.

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)]

Chao, N. L., Chang, C.-W., Chen, M.-H., Guo, C.-C., Lin, B.-A., Liou, Y.-Y., Shen, K.-N. and Liu, M. 2019. *Johnius taiwanensis*, a new species of Sciaenidae from the Taiwan Strait, with a key to *Johnius* species from Chinese waters. Zootaxa, 4651 (2): 259–270.

Parenti, P. 2020. An annotated checklist of fishes of the family Sciaenidae. Journal of Animal Diversity, 2 (1): 1–92.

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.

Sciaena goma Tanaka, 1915 ゴマニベ

Original description: Tanaka (1915): 615.

田中茂穂. 1915. 日本産魚類の二新種. 動物学雑誌, 27 (326): 615–616. [Tanaka, S. 1915. Two new species of Japanese fishes. Zoological Magazine Tokyo, 27 (326): 615–616. (In Japanese)]

Lectotype (available): ZUMT 6392, Nagasaki Market, Nagasaki Pref., Japan; Jan. 1915; collected by Ichiro Kaneko. (長崎市場 大正 4 年 1 月 金子一狼採集)

Paralectotype (lost): ZUMT 8175 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Remarks: There is no holotype designation in the original description. From the records in the ZUMT specimen ledger, two items, ZUMT 6392 and ZUMT 8175, which match the scientific name and collection data, were matched. These ZUMT 6392 and ZUMT 8175 are syntypes (ICZN Art. 72.4.1, 73.2). In ZUMT 6392 of the ZUMT specimen ledger, there was a note of "only two fish were obtained this winter (1915.1)".

In Tanaka's (1916) Figures and descriptions of the fishes of Japan (22: 392–395, pl. 107, fig. 327), ZUMT 6392 was re-described and illustrated as a type specimen. This act is the selection of the name-bearing type (here, the holotype) from the syntypes, and is regarded as the designation of the lectotype rather than the fixed holotype (ICZN Art. 74.5). ZUMT 6392 is considered lectotype, not holotype, and ZUMT 8175 is a paralectotype (ICZN Art. 74.1.3). The lectotype ZUMT 6392 has two cloth tags, "6392" and "Sketch No. 272".

原記載にホロタイプの指定がない。ZUMT 標本台帳の記録に学名や収集データに一致する ZUMT 6392 と ZUMT 8175 の2つが一致した。これら ZUMT 6392 と ZUMT 8175 は、シントタイプである(ICZN Art. 72.4.1, 73.2)。ZUMT 標本台帳の ZUMT 6392 に「今冬 2 尾を得たるのみ(1915.1)」の書き込みがあった。

田中(1916)の日本産魚類図説(22: 392–395, pl. 107, fig. 327)では、ZUMT 6392 をホロタイプとして再記載、図示した。この行為は、シントタイプの中から担名タイプ(ここでは、ホロタイプ)の選定となり、ホロタイプの固定ではなくレクトタイプの指定と見なされる(ICZN Art. 74.5)。ZUMT 6392 はホロタイプではなく、レクトタイプと見なされ、ZUMT 8175 はパラレクトタイプとなる(ICZN Art. 74.1.3)。レクトタイプ ZUMT 6392 に「6392」と「写生番号 272 号」の 2 つの布タグが付いている。

Current status: Synonym of *Protonibea diacanthus* (Lacepède, 1802) ゴマニベ

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)]

Trewavas, E. 1977. The sciaenid fishes (croakers or drums) of the Indo-West-Pacific. Transactions of the Zoological Society of London, 33 (4): 253–541+ frontispiece, pls. 1–14.

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.]

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)]

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)]

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.

Psomadakis, P. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

Parenti, P. 2020. An annotated checklist of fishes of the family Sciaenidae. Journal of Animal Diversity, 2 (1): 1–92.

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.

Mullidae ヒメジ科

Pseudupeneus megalops Tanaka, 1917 フクロウヒメジ

Original description: Tanaka (1917): 8.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Syntypes (available): ZUMT 7256 (1), ZUMT 7258–ZUMT 7260 (3), Nagasaki Market, Nagasaki Pref., Japan; Dec. 1915; collected by Ichiro Kaneko. (長崎市場 大正 4 年 12 月 金子一狼採集)

Syntype (lost): ZUMT 7257 (1), same as holotype.

Remarks: There is no holotype designation in the original description. In the ZUMT specimen ledger, there was a record of "7256–7260 *Pseudupeneus megalops* n. sp. Nagasaki, December, Ichiro Kaneko" whose scientific name and collection data matched. These specimens are syntypes (ICZN Art. 72.4.1, 73.2). ZUMT 7259 had a writing by Tanaka "7259, scales 36, no teeth on vomer or palatine, gill-rakers 6 + 23/6 + 23". ZUMT 7259 has two cloth tags, "7259" and "Sketch No. 317".

原記載にホロタイプの指定がない。ZUMT 標本台帳では学名と収集データが一致した「7256–7260 *Pseudupeneus megalops* n. sp. 長崎 12 月 金子一狼」の記録があった。これらの標本はシンタイプである (ICZN Art. 72.4.1, 73.2)。ZUMT 7259 には田中の直筆の書き込み「7259, scales 36, no teeth on vomer or palatine, gill-rakers 6+23/6+23」があった。ZUMT 7259 には「7259」と「写生番号 317 号」の 2 つの布タグが付いている。

Current status: Synonym of *Mulloidichthys vanicolensis* (Valenciennes, 1831) アカヒメジ

岡田彌一郎・松原喜代松. 1938. 日本産魚類検索. 三省堂, 東京. 584 pp. 113. pls [Okada, Y. and Matsubara, K. 1938. Keys to the fishes and fish-like animals of Japan. Including Kuril Islands, southern Sakhalin, Bonin Islands, Ryukyu Islands, Korea and Formosa. Sansei-do, Tokyo. 584 pp., 113 pls. (In Japanese)]

松原喜代松. 1955. 魚類の形態と検索 I. 石崎書店, 東京. xii + 790 pp. [Matsubara, K. 1955. Fish morphology and hierarchy, Part I. Ishizaki-Shoten, Tokyo. xii + 790 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・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)]

- Koeda, K., Hibino, Y., Yoshida, T., Kimura, Y., Miki, R., Kunishima, T., Sasaki, D., Furukawa, T., Sakurai, M., Eguchi, K., Suzuki, H., Inaba, T., Uejo, T., Tanaka, S., Fujisawa, M., Wada, H. and Uchiyama, T. 2016. Annotated checklist of fishes of Yonaguni-jima Island, the westernmost island in Japan. The Kagoshima University Museum, Kagoshima, v + 119 pp., 1 pl.
- Koeda, K., Maekawa, T., Wada, H. and Motomura, H. 2016. Records of the orange goatfish, *Mulloidichthys pflugeri* (Teleostei: Mullidae), from Amami–Oshima and Yonaguni-jima Islands in the Ryukyu Archipelago, southern Japan. *South Pacific Studies*, 37 (1): 1–8.

Pempheridae ハタンボ科

Pempheris nyctereutes Jordan & Evermann, 1902

Original description: Jordan and Evermann (1902): 339, fig. 14.

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.

Holotype (available): ZUMT 42902, Hokoto (Pescadores Islands) [Pengfu], Taiwan.

Remarks: The original description says "Type–No. 286, a specimen 8 inches long from Hokoto, Formosa, Returned to the Imperial University." The ZUMT specimen ledger has a description of "42902 *Pempheris nyctereutes*, Type". ZUMT 42902 had a metal tag engraved with the same number "286" as "No. 286" in the original description. This specimen is the holotype.

"Hokoto", which is written in the original description as a collection site for specimens, is described by Ho and Shaw (2011) as "Hokuto" in Taipei City. However, "Hokoto" is the Japanese name for Penghu Islands, and Jordan and Evermann (1902) clearly states that "Hokoto" is "Pescadores" (another name for Penghu Islands).

原記載に「Type–No. 286, a specimen 8 inches long from Hokoto, Formosa, Returned to the Imperial University.」とある。ZUMT 標本台帳には、「42902 *Pempheris nyctereutes*, Type」の記述がある。標本 ZUMT 42902 には、原記載にある「No. 286」と同じ番号「286」と刻印された金属タグが付いていた。この標本がホロタイプである(ICZN Art. 72.4.1, 73.1)。

原記載にある採集場所の"Hokoto"は、Ho and Shaw (2011)により台北市の"Hokuto"であるとされた。しかし、"Hokoto"は澎湖諸島の日本名であり、Jordan and Evermann (1902)にも"Hokoto"は“Pescadores (=澎湖諸島の別名)”であることが明記されている。

Current status: Valid as *Pempheris nyctereutes* Jordan & Evermann, 1902 タカサゴハタンボ

Tominaga, Y. 1963. A revision of the fishes of the family Pempheridae of Japan. *Journal of the Faculty of Science, University of Tokyo. Section IV Zoology*, 10 (1): 269–290.

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)]

Pempheris xanthopterus Tominaga, 1963 ミナミハタンボ

Original description: Tominaga (1963): 286, figs. 12–13.

Tominaga, Y. 1963. A revision of the fishes of the family Pempheridae of Japan. *Journal of the Faculty of Science, University of Tokyo. Section IV Zoology*, 10 (1): 269–290.

Holotype (available): ZUMT 51967, Manazuru, Kanagawa Pref., Japan; 25 Sept. 1960.

- Paratypes (available):** ZUMT 8098 (1), ZUMT 8326–ZUMT 8327 (2), ZUMT 20311–ZUMT 20314 (4), Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田濱 [和歌山県田辺市] 宇井縫蔵採集)
- Paratype (available):** ZUMT 18643 (1), Suzaki, Kochi Pref., Japan.
- Paratypes (available):** ZUMT 19138 (1), ZUMT 19166 (1), ZUMT 19168 (1), ZUMT 41871–ZUMT 41873 (3), Hachijo-jima Island, Japan.
- Paratypes (available):** ZUMT 24054 (1), ZUMT 28600 (1), Tanega-shima, Kagoshima Pref., Japan; collected by A. Kuroiwa.
- Paratype (available):** ZUMT 37909 (1), Shizuoka Pref., Japan.
- Paratype (available):** ZUMT 48291 (1), Taniyama, Kagoshima Pref., Japan; July 20, 1930.
- Paratype (available):** ZUMT 49143 (1), Koajiro, Misaki, Kanagawa Pref., Japan; collected by Ichiro Tomiyama, Aug. 18, 1955. (神奈川県三崎小網代 昭和 30 年 8 月 15 日 富山一郎採集)
- Paratypes (available):** ZUMT 49144–ZUMT 49145 (2), Koajiro, Misaki, Kanagawa Pref., Japan; Aug. 19, 1955; collected by Ichiro Tomiyama. (神奈川県三崎小網代 昭和 30 年 8 月 19 日 富山一郎採集)
- Paratype (available):** ZUMT 49438 (1), Misaki, Kanagawa Pref., Japan; collected by Ichiro Tomiyama. (神奈川県三崎 富山一郎採集)
- Paratypes (available):** ZUMT 49925 (1), ZUMT 49952 (1), ZUMT 50215–ZUMT 50217 (3), Madara-jima, Goto Islands, Nagasaki Pref., Japan; 20 Oct. 1953; collected by Ichiro Tomiyama. (五島列島斑島 [長崎県北松浦郡小値賀町斑島]、1953 年 10 月 20 日、富山一郎)
- Paratype (available):** ZUMT 50060 (1), Miireaku, Fukue-jima Island, Goto Islands, Nagasaki Pref., Japan; 13 Oct. 1953. (五島列島福江島三井楽町 [長崎県南松浦郡三井楽町])
- Paratypes (available):** ZUMT 52161–ZUMT 52164 (4), Totoro, Nobeoka City, Miyazaki Pref., Japan; 4 Aug. 1960; set net. (宮崎県延岡市土々呂)
- Paratype (available):** ZUMT 52325 (1, skeleton), Taiho, Goto Islands, Nagasaki Pref., Japan. (長崎県五島列島、)
- Paratype (available):** ZUMT 55050 (1, ex P-520), Manazuru, Kanagawa Pref., Japan; 15–20 Oct. 1960. (神奈川県真鶴)
- Paratypes (available):** ZUMT 55791 (8), ZUMT 55796 (20), Toushiki, Izu-oshima Island, Japan. (伊豆大島トウシキ)
- Paratypes (available):** ZUMT P-117 (6), tide pool, Kominato, Chiba Pref., Japan.
- Paratypes (available):** ZUMT P-118 (4), tide pool at Matsugahama, Kominato, Chiba Pref., Japan.

Remarks: The original description does not include the paratype registration number. Koeda et al. (2022) determined the paratype registration number based on the place of collection, date and other factors.

原記載にはパラタイプの登録番号が記述されていない。Koeda et al. (2022) は、パラタイプの登録番号を収集地と日付などに基づいて決定した。

Current status: Valid as *Pempheris xanthoptera* Tominaga, 1963 ミナミハタンポ

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)]

Koeda, K., Aizawa, M., Sakamoto, K. and Ueshima, R. 2022. Report on specimens of the family Pempheridae (Teleostei: Perciformes) deposited in the Department of Zoology, the University Museum, the University of Tokyo. The University Museum, the University of Tokyo Material Reports No. 128, Catalogue of the fish collection deposited in the University Museum, the University of Tokyo, 1: 1–16.

Drepaneidae スダレダイ科
Drepane undecimfasciata Tanaka, 1917 スダレダイ

Original description: Tanaka (1917): 9.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Holotype (lost): ZUMT 7263, Nagasaki Market, Nagasaki Pref., Japan; Oct. 1915; collected by Ichiro Kaneko. (長崎市場 大正 4 年 9 月 金子一狼採集)

Remarks: There is no holotype designation in the original description. In ZUMT 7263 of the ZUMT specimen ledger, there is the only record that matches the original description, "7263 *Drepane undecimfasciata* n. sp. Nagasaki July Kaneko Ichiro". This ZUMT 7263 is the holotype (ICZN Art. 72.4.1, 73.1).

ZUMT 7263 in the ZUMT specimen ledger had "7263, D.I, VIII, 21 A. III, 18" written in it, and the content of this entry was consistent with the original description. Since this specimen cannot be confirmed at this time, it was judged to be lost.

原記載にはホロタイプ指定がない。ZUMT 標本台帳の ZUMT 7263 に「7263 *Drepane undecimfasciata* n. sp. 長崎 七月 金子一狼」と原記載の内容と一致した唯一の記録があった。この ZUMT 7263 がホロタイプである (ICZN Art. 72.4.1, 73.1)。

ZUMT 標本台帳の ZUMT 7263 には「7263, D. I, VIII, 21 A. III, 18」と書き込みがあり、内容は原記載の内容と一致した。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 *Drepane longimana* (Bloch & Schneider, 1801) スダレダイ

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. 335 pp. [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)]

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)]

Heemstra, P. C. 2001. Drepanidae. Pp. 3221–3223 in Carpenter, K. E. and Niem, V. H. (eds.) FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 5. Bony fishes part 3 (Menidae to Pomacentridae). FAO, Rome.

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. N., Osmany, H. B. and Moazzam, M. 2015. Field identification guide to the living marine resources of Pakistan. FAO species identification guide for fishery purposes. Food and Agriculture Organization of the United Nations, Rome. x + 386 pp., pls. 1–42.

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.

Chaetodontidae チョウチョウウオ科
Coradion fulvocinctus Tanaka, 1918 タキゲンロク

Original description: Tanaka (1918): 223.

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 59858, Tanabe, Wakayama Pref., 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 are no specimens that match the scientific name "*Coradion fulvocinctus*" and "Tanabe, Nuizo" in the records of the ZUMT specimen ledger. Later, the specimens of *Coradion fulvocinctus* found in the ZUMT collection were of the same body size as the original. This specimen is a holotype (ICZN Art. 73.1.2). Registered in ZUMT 59858 of the ZUMT collection. In addition, there was ZUMT 8317 recorded as "*Coradion fulvocinctus* Tanaka, Nagasaki, Kaneko Ichiro" in the ZUMT specimen ledger. This specimen is not included in the type series of this species (ICZN Art. 72.4) because the original description states that "it seems to be this species but has 8 spines on its dorsal fin and is collected by Mr. Kaneko Nagasaki."

原記載にホロタイプの指定がない。ZUMT 標本台帳の記録には学名「*Coradion fulvocinctus*」と「田辺 宇井縫蔵」に一致する標本はなく。その後、ZUMT コレクションから発見した *Coradion fulvocinctus* の標本は、体のサイズが原記載と一致した。この標本はホロタイプである (ICZN Art.)。ZUMT コレクションの ZUMT 59858 に登録した。

また、ZUMT 標本台帳に「*Coradion fulvocinctus* Tanaka、長崎、金子一狼」と記録された ZUMT 8317 があつた。原記載に「本種と覚しきも背鰭に8棘あるもの長崎金子一狼氏によりて採集される」とあり、この標本は本種のタイプシリーズに含まれない (ICZN Art. 72.4)。

Current status: Synonym of *Coradion altivelis* McCulloch, 1916 タキゲンロクダイ

Burgess, W. E. 1978. Butterflyfishes of the world. A monograph of the family Chaetodontidae. T.F.H. Publ., Inc. Ltd., Neptune City, New Jersey, U.S.A. 832. pp.

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)]

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

Larson, H. K., Williams, R. S. and Hammer, M. P. 2013. An annotated checklist of the fishes of the Northern Territory, Australia. Zootaxa, 3696 (1): 1-293.

Pomacanthidae キンチャクダイ科

Acanthochaetodon nigrolunatus Tanaka, 1918 ゲッテンヤッコ

Original description: Tanaka (1918): 233.

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 8344, off Prov. Izu, Shizuoka Pref. (obtained at Tokyo Market), Japan. (東京市場[静岡県伊豆])

Remarks: There is no holotype designation in the original description. In the ZUMT specimen ledger, there was the only description that matched the original description as "8344 *Acanthochaetodon nigrolunatus* n. sp. Tokyo Market (from Izu)". This ZUMT 8344 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指定がない。ZUMT 標本台帳に ZUMT8344 の「8344 *Acanthochaetodon nigrolunatus* n. sp. 東京市場(伊豆産なり)」と原記載の内容と一致した唯一の記述があった。この ZUMT 8344 はホロタイプである(ICZN Art. 72.4.1, 73.1)。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 *Pomacanthus semicirculatus* (Cuvier, 1831) サザナミヤッコ

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. Part II. Ishizaki-Shoten, Tokyo. vi + 791-1605 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.]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 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)]

畑 晴陵・本村浩之. 2017. 薩摩川内市沿岸から得られたサザナミヤッコ. *Nature of Kagoshima*, 43: 175–179. [Hata, H. and Motomura, H. 2017. First record of *Pomacanthus semicirculatus* (Perciformes: Pomacanthidae) from Satsuma–Sendai, southern Japan. *Nature of Kagoshima*, 43: 175–179. (In Japanese)]

Angelichthys interruptus Tanaka, 1918 レンテンヤッコ

Original description: Tanaka (1918): 224.

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 8343, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description. In the ZUMT specimen ledger, there was the only description that matched the original description with "8343 *Angelichthys interruptus* n. sp. Kii-Tanabe Ui Nuizo". This ZUMT 8343 is the holotype and has a cloth tag with the words "Sketch number 383". Details of the holotype ZUMT 8343 were reported by Tominaga and Yasuda (1973).

原記載にはホロタイプ指定がない。ZUMT 標本台帳に「8343 *Angelichthys interruptus* n. sp. 紀伊田辺 宇井縫蔵」と原記載の内容と一致した唯一の記述があった。この ZUMT 8343 はホロタイプであり、「写生番号 383 号」と書かれた布タグが付けられている。ホロタイプ ZUMT 8343 の詳細は、Tominaga and Yasuda (1973) が報告した。

Current status: Valid as *Centropyge interrupta* (Tanaka, 1918) レンテンヤッコ

Tominaga, Y. and Yasuda, F. 1973. *Holacanthus interruptus*, a valid pomacanthid species, distinct from *Centropyge fisheri*. *Japanese Journal of Ichthyology*, 20 (3): 157–162.

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

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)]

Chaetodontoplus caeruleopunctatus Yasuda & Tominaga, 1976 ホシゾラヤッコ

Original description: Yasuda and Tominaga (1976): 130, fig. 1.

Yasuda, F. and Tominaga, Y. 1976. A new pomacanthid fish, *Chaetodontoplus caeruleopunctatus*, from the Philippines. Japanese Journal of Ichthyology, 23 (3): 130–132.

Holotype (available): ZUMT 52825, Philippines

Current status: Valid as *Chaetodontoplus caeruleopunctatus* Yasuda & Tominaga, 1976 ホシゾラヤッコ

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425-855 pp.

Genicanthus personatus Randall, 1975

Original description: Randall (1975): 418, pl. 1.

Randall, J. E. 1975. A revision of the Indo-Pacific angelfish genus *Genicanthus*, with descriptions of three new species. Bulletin of Marine Science, 25 (3): 393–421, 1 pl.

Paratype (available): ZUMT 53027(1), Waianae Coast, off Keaau Beach Park, Oahu, Hawaiian Islands, USA; 18 Oct. 1973; 23 m depth; dip net; collected by Eddie Tomihama.

Current status: Valid as *Genicanthus personatus* Randall, 1975

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

Mundy, B. C. 2005. Checklist of the fishes of the Hawaiian Archipelago. Bishop Museum Bulletins in Zoology, 6: 1–703.

Randall, J. E. 2007. Reef and shore fishes of the Hawaiian Islands. Sea Grant College Program, University of Hawai'i, Honolulu. xiv + 546 pp.

Genicanthus spinus Randall, 1975

Original description: Randall (1975): 415, figs. 16–17.

Randall, J. E. 1975. A revision of the Indo-Pacific angelfish genus *Genicanthus*, with descriptions of three new species. Bulletin of Marine Science, 25 (3): 393–421, 1 pl.

Paratype (available): ZUMT 52987(1), reef on north side off Gannet Ridge, Pitcairn Island; 44 m depth; 28 Dec. 1970; collected by John E. Randall.

Current status: Valid as *Genicanthus spinus* Randall, 1975

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

Randall, J. E. 1999. Report on fish collections from the Pitcairn Islands. Atoll Research Bulletin, 461: 1–36, 14 pp.

Randall, J. E. 2005. Reef and shore fishes of the South Pacific. New Caledonia to Tahiti and the Pitcairn Islands. University of Hawai'i Press, Honolulu. pp. xii+707.

Holacanthus albofasciatus Tanaka, 1909

Original description: Tanaka (1909): 16.

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 2146, Nagasaki Pref., Japan; collected by T. Chiba. (長崎 千葉径三郎)

Remarks: In the original description, the holotype was specified as ZUMT 2146. Details of this holotype ZUMT 2146 were reported by Yasuda and Tominaga (1969).

原記載は、ホロタイプを ZUMT 2146 に指定した。このホロタイプ ZUMT 2146 の詳細は Yasuda and Tominaga (1969) が報告した。

Current status: Synonym of *Chaetodontoplus septentrionalis* (Temminck & Schlegel, 1844) キンチャクダイ
Yasuda, F. and Tominaga, Y. 1969. A new pomacanthine fish, *Holacanthus venustus*, from the Pacific coast of Japan, with notes on the young of *H. sexstriatus* and *H. septentrionalis*. Japanese Journal of Ichthyology, 16 (4): 143–151.

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.
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)]

Holacanthus fucosus Yasuda & Tominaga, 1970 クマドリヤッコ

Original description: Yasuda and Tominaga (1970): 141, figs. 1, 2, 13.

Yasuda, F. and Tominaga, Y. 1970. Two new long-tailed pomacanthine fishes from Miyake-Jima and Okinawa-Jima, Japan. Japanese Journal of Ichthyology, 17 (4): 141–151.

Holotype (available): ZUMT 52422, Sanbon-ne, Miyake-jima, Japan (about 34°05'N, 139°30'E); depth about 15 m; 20 Aug. 1969.

Current status: Synonym of *Genicanthus semifasciatus* (Kamohara, 1934) トサヤッコ

Randall, J. E. 1975. A revision of the Indo-Pacific angelfish genus *Genicanthus*, with descriptions of three new species. Bulletin of Marine Science, 25 (3): 393–421, 1 pl.

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.
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.]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 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)]

Holacanthus venustus Yasuda & Tominaga, 1969 スミレヤッコ

Original description: Yasuda and Tominaga (1969): 143, figs. 1, 3.

Yasuda, F. and Tominaga, Y. 1969. A new pomacanthine fish, *Holacanthus venustus*, from the Pacific coast of Japan, with notes on the young of *H. sexstriatus* and *H. septentrionalis*. Japanese Journal of Ichthyology, 16 (4): 143–151.

Holotype (available): ZUMT 52392, Oshima Island (34°41'N, 139°27'E), Sagami Bay, Japan, about 10 meters.

Current status: Valid as *Centropyge venusta* (Yasuda & Tominaga, 1969) スミレヤッコ

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

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)]

Gaither, M. R., Schultz, J. K., Bellwood, D. R., Pyle, R. L., DiBattista, J. D., Rocha, L. A. and Bowen, B. W.

2014. Evolution of pygmy angelfishes: recent divergences, introgression, and the usefulness of color in taxonomy. *Molecular Phylogenetics and Evolution*, 74: 38–47.

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

Holacanthus watanabei Yasuda & Tominaga, 1970 ヒレナガヤッコ

Original description: Yasuda and Tominaga (1976): 144, figs. 3–7, 11, 12.

Yasuda, F. and Tominaga, Y. 1970. Two new long-tailed pomacanthine fishes from Miyake–Jima and Okinawa–Jima, Japan. Japanese Journal of Ichthyology, 17 (4): 141–151.

Holotype (available): ZUMT 52421, Onna Beach, Okinawa–jima, Ryukyu Islands, Japan, about 26°30'N, 127°50'E. December, 1969.

Paratype (available): ZUMT 52420(1), same as holotype.

Current status: Valid as *Genicanthus watanabei* (Yasuda & Tominaga, 1970) ヒレナガヤッコ

Randall, J. E. 1975. A revision of the Indo-Pacific angelfish genus *Genicanthus*, with descriptions of three new species. *Bulletin of Marine Science*, 25 (3): 393–421, 1 pl.

Allen, G. R. 1980. Butterfly and angelfishes of the world. Vol. 2. John Wiley & Sons, New York. 149–352 pp.

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.]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 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)]

Cirrhitidae ゴンベ科
Cyprinocirrhites ui Tanaka, 1917 ウイゴンベ

Original description: Tanaka (1917): 268.

田中茂穂. 1917. 日本産魚類の三新種. 動物学雑誌, 29 (347): 268–269. [Tanaka, S. 1917. Three new species of Japanese fishes. Zoological Magazine Tokyo, 29 (347): 268–269. (In Japanese)]

Holotype (available): ZUMT 55053, Tanabe, Wakayama Pref., 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. Tanaka (1918) re-described in the Figures and descriptions of the fishes of Japan (28: 507–510, pl. 137, fig. 384) based on the holotype, but the registration number is not listed. One specimen of *Cyprinocirrhites ui* found in an unregistered specimen from the ZUMT collection had a body size consistent with the original description. This specimen is the holotype. Registered in ZUMT 55053 of the ZUMT collection. The specimen has a cloth tag with the words "Sketch No. 358".

原記載にホロタイプ指定がない。田中(1918)は日本産魚類図説(28: 507–510, pl. 137, fig. 384)にホロタイプを基に再記載したが、登録番号の掲載はない。ZUMT コレクションの未登録標本から発見した *Cyprinocirrhites ui* の 1 標本は、体のサイズが原記載と一致した。この標本がホロタイプである(ICZN Art. 72.4.1, 73.1)。ZUMT コレクションの ZUMT 55053 に登録した。標本には、「写生番号 358 号」と書かれた布タグが付いている。

Current status: Synonym of *Cyprinocirrhites polyactis* (Bleeker, 1874) ウイゴンベ

田中茂穂. 1918. 日本産魚類図説, 28: 495–514, pls. 136–137. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 28: 495–514, pls. 136–137. (In Japanese and English)]

Randall, J. E. 1963. Review of the hawkfishes (family Cirrhitidae). Proceedings of the United States National Museum, 114 (3472): 389–451, pls. 1–16.

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.]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 1. Tropical Reef Research, Perth Australia. x + 424 pp. + end note.

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)]

Fricke, R., Allen, G. R., Andréfouët, S., Chen, W.-J., Hamel, M. A., Laboute, P., Mana, R., Tan, H. H. and Uyeno, D. 2014. Checklist of the marine and estuarine fishes of Madang District, Papua New Guinea, western Pacific Ocean, with 820 new records. Zootaxa, 3832 (1): 1–247.

藤原恭司・上原航知・松岡 翠・Kunto Wibowo・本村浩之. 2020. 琉球列島と奄美群島初記録種を含む沖永良部島初記録の魚類 50 種. Ichthy, Natural History of Fishes of Japan, 3: 30–40. [Fujiwara, K., Uehara, K., Matsuoka, M., Wibowo, K. and Motomura, H. 2020. First records of 50 fish species from Okinoerabu Island, the Amami Islands, Kagoshima, Japan. Ichthy, Natural History of Fishes of Japan, 3: 30–40. (In Japanese with English abstract)]

Latridae タカノハダイ科
Goniistius zebroides Tanaka, 1915 ユウダチタカノハ

Original description: Tanaka (1915): 347, pl. 93 (fig. 298).

田中茂穂. 1915. 日本産魚類図説, 20: 343–370, pls. 96–100. [Tanaka, S. 1915. Figures and descriptions of

the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 20: 343–370, pls. 96–100. (In Japanese and English)]

Holotype (available): ZUMT 4299, Wakayama Market, Wakayama Pref., Japan; March 1909; collected by Shigeo Tanaka.

Paratype (available): ZUMT 4300 (1), same as holotype.

Remarks: The original description specified ZUMT 4299 as the holotype. The ZUMT collection had a specimen ZUMT 4300 with the same collection data as the holotype. This specimen is a paratype. (ICZN Art. 72.4.1, 73.2).

原記載はホロタイプに ZUMT 4299 を指定した。ZUMT コレクションにホロタイプと同じ収集データの標本 ZUMT 4300 があつた。この標本はパラタイプである。(ICZN Art. 72.4.1, 73.2)。

Current status: Synonym of *Goniistius quadricornis* (Günther, 1860) ユウダチタカノハ

Randall, J. E. 1983. A review of the fishes of the subgenus *Goniistius*, genus *Cheilodactylus*, with description of a new species from Easter Island and Rapa. Occasional Papers of the Bernice Pauahi Bishop Museum of Polynesian Ethnology and Natural History, 25 (7): 1–24.

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.]

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)]

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)]

Kimura, K., Imamura, H. and Kawai, T. 2018. Comparative morphology and phylogenetic systematics of the families Cheilodactylidae and Latridae (Perciformes: Cirrhitioidea), and proposal of a new classification. Zootaxa, 4536 (1): 1–72.

Ludt, W. B., Burrige, C. P. and Chakrabarty, P. 2019. A taxonomic revision of Cheilodactylidae and Latridae (Centrarchiformes: Cirrhitioidei) using morphological and genomic characters. Zootaxa, 4585 (1): 121–141.

園山貴之・荻本啓介・堀 成夫・内田喜隆・河野光久. 2020. 証拠標本および画像に基づく山口県日本海産魚類目録. 鹿児島大学総合研究博物館研究報告, 11: 1–152. [Sonoyama, T., Ogimoto, K., Hori, S., Uchida, Y. and Kawano, M. 2020. An annotated checklist of marine fishes of the Sea of Japan off Yamaguchi Prefecture, Japan, with 74 new records. Bulletin of the Kagoshima University Museum, 11: 1–152. (In Japanese)]

Embiotocidae ウミタナゴ科

Ditrema temminckii pacificum Katafuchi & Nakabo, 2007 マタナゴ

Original description: Katafuchi and Nakabo (2007): 358, figs. 1D, E, 3, 6B.

Katafuchi, H. and Nakabo, T. 2007. Revision of the East Asian genus *Ditrema* (Embiotocidae), with description of a new subspecies. Ichthyological Research, 54 (4): 350–366.

Paratype (available): ZUMT 3544 (1), Katsuura, Chiba Pref., Japan; 26 Aug. 1913.

Paratypes (available): ZUMT 48630 (1), ZUMT 48613 (1), Aburatsubo, Kanagawa Pref., Japan; 7 Nov. 1955.

Current status: Valid as *Ditrema temminckii pacificum* Katafuchi & Nakabo, 2007 マタナゴ

Katafuchi, H., Kai, Y. and Nakabo, T. 2011. Genetic divergence in *Ditrema jordani* (Perciformes: Embiotocidae) from the Pacific coast of southern Japan as inferred from mitochondrial DNA sequences. Ichthyological

Research, 58 (1): 90–94.

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)]

Dyldin, Yu. V. and Orlov, A. M. 2021. Annotated list of ichthyofauna of inland and coastal waters of Sakhalin Island. 3. Families Priacanthidae–Sebastidae. Journal of Ichthyology, 61 (6): 832–866.

Pomacentridae スズメダイ科

Chromis mirationis Tanaka, 1917 トオカイスズメダイ

Original description: Tanaka (1917): 8.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Holotype (available): ZUMT 3627, off Goto Island, Nagasaki Pref., Japan (31° 27'–32'N, 126° 52'–57'E); collected by Naokatsu Yanagi. (長崎五島沖 柳 直勝採集)

Remarks: There is no holotype designation in the original description. ZUMT 3267 is the only specimen whose scientific name and collected data match from the records in the ZUMT specimen ledger. ZUMT 3267 is the holotype (ICZN Art. 72.4.1, 73.1).

原記載にはホロタイプ指定がない。ZUMT 3267 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 3267 がホロタイプである(ICZN Art. 72.4.1, 73.1)。

Current status: Valid as *Chromis mirationis* Tanaka, 1917 トウカイスズメダイ

Randall, J. E., Ida, H. and Moyer, J. T. 1981. A review of the damselfishes of the genus *Chromis* from Japan and Taiwan, with description of a new species. Japanese Journal of Ichthyology, 28 (3): 203–242, pl. 1.

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)]

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)]

Tea, Y.-K., Gill, A. C. and Senou, H. 2019. *Chromis tingting*, a new species of damselfish from mesophotic coral ecosystems of southern Japan, with notes on *C. mirationis* Tanaka (Teleostei: Pomacentridae). Zootaxa, 4586 (2): 249–260.

Parenti, P. 2021. An annotated checklist of damselfishes, family Pomacentridae Bonaparte, 1831. Journal of Animal Diversity, 3 (1): 37–109.

Chromis miyakeensis Moyer & Ida, 1976 ミヤケスズメダイ

Original description: Moyer and Ida (1976): 189, figs. 1–4.

Moyer, J. T. and Ida, H. 1976. Description of a new damselfish, *Chromis miyakeensis* from Miyake Island, Japan. Japanese Journal of Ichthyology, 22 (4): 189–194.

Holotype (available): ZUMT 53957, Igaya Bay, Miyake Island, Japan; 14m depth; Nov. 17, 1973.

Paratypes (lost): ZUMT 53958 (1), ZUMT 53959 (1), Igaya Bay, Miyake Island, Japan; 12 Dec. 1974.

Remarks: The whereabouts of these specimens are unknown, as the registration number tags of the paratype 2 specimens are in storage and these specimens have not reached ZUMT.

パラタイプ 2 標本の登録番号タグが保管されており、これらの標本は ZUMT に届いていないため、所在は不明。

Current status: Synonym of *Chromis notata* (Temminck and Schlegel, 1843) スズメダイ

Randall, J. E., Ida, H. and Moyer, J. T. 1981. A review of the damselfishes of the genus *Chromis* from Japan and Taiwan, with description of a new species. *Japanese Journal of Ichthyology*, 28 (3): 203–242, pl. 1.

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.]

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)]

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)]

Iwatsubo, H. and Motomura, H. 2013. Redescriptions of *Chromis notata* (Temminck and Schlegel, 1843) and *C. kennensis* Whitley, 1964 with the description of a new species of *Chromis* (Perciformes: Pomacentridae). *Species Diversity*, 18: 193–213.

Parenti, P. 2021. An annotated checklist of damselfishes, family Pomacentridae Bonaparte, 1831. *Journal of Animal Diversity*, 3 (1): 37–109.

Chromis villadolidi Jordan & Tanaka, 1927

Original description: Jordan and Tanaka (1927): 387, pl. 34 (fig. 1).

Jordan, D. S. and Tanaka, S. 1927. Notes on new and rare fishes of the fauna of Japan. *Annals of the Carnegie Museum*, 17 (3–4): 385–392, pl. 34.

Paratypes (lost): ZUMT 10608 (3), Sea of Japan between Genkaijima Is. or Tsushima and Fukuoka Pref., Kyushu, Japan; mid-Sept.; collected by Fukuoka Prefectural Fisheries Experiment Station. (福岡と玄界島又対馬の間 九月中旬採集 福岡県水産試験場)

Remarks: The original description is based on 5 specimens as a type series. Holotype FMNH 59185 [ex CM 8328] and one specimen of paratype CAS–SU 23681 (1) were designated. The remaining 3 specimens are also paratypes (ICZN Art. 72.4.5). In the original description, it was stated that it was used for dried fish and that the local name was called "Kazakiri" or "Yahazu". ZUMT 10608 is the only specimens whose local name and collection data match the records in the ZUMT specimen ledger. ZUMT 10608 says "Genkaijima or Tsushima, collected in mid–September, Fukuoka Prefectural Fisheries Experiment Station, 5 pieces", and the local names include "Kazakiri", "Yahazu", and dried fish.

A total of two individuals were separated from ZUMT 10608: the holotype of FMNH 59185 [ex CM 8328] and the paratype of CAS–SU 23681(1). The remaining three ZUMT 10608 specimens are also paratypes (ICZN Art. 72.1.1, 72.4.5). Specimen ZUMT 10608 cannot be identified at this time.

Holotype FMNH 59185 [ex CM 8328] and paratype CAS–SU 23681 (1) a total of two individuals are considered to have been split and registered from ZUMT 10608(5), and the remaining 3 individuals are also paratypes (ICZN Art. 72.1.1, 72.4.5). Specimens cannot be identified at this time.

原記載は 5 標本をタイプシリーズとし、ホロタイプ FMNH 59185 [ex CM 8328]とパラタイプ CAS–SU 23681 (1)の 1 標本を指定した。残りの 3 標本もパラタイプである (ICZN Art. 72.1.1, 72.4.5)。原記載中には、干物に使用し地方名を「カザキリ」または「ヤハズ」と呼ぶと記述されていた。ZUMT 標本台帳の ZUMT 10608(5)は、

地方名や採集データの一一致した唯一の標本である。ZUMT 10608 には、「玄界島又対馬の間 九月中旬採集 福岡県水産試験場 5 個」とあった。

ZUMT 10608 から FMNH 59185 [ex CM 8328] のホロタイプと CAS-SU 23681(1) のパラタイプの計 2 個体が分轄された。残った ZUMT 10608 の 3 個体もパラタイプである(ICZN Art. 72.1.1, 72.4.5)。標本 ZUMT 10608 は現時点では特定できない。

Current status: Synonym of *Chromis notata* (Temminck & Schlegel, 1843) スズメダイ

Randall, J. E., Ida, H. and Moyer, J. T. 1981. A review of the damselfishes of the genus *Chromis* from Japan and Taiwan, with description of a new species. *Japanese Journal of Ichthyology*, 28 (3): 203–242, pl. 1.

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)]

Iwatsubo, H. and Motomura, H. 2013. Redescriptions of *Chromis notata* (Temminck and Schlegel, 1843) and *C. kennensis* Whitley, 1964 with the description of a new species of *Chromis* (Perciformes: Pomacentridae). *Species Diversity*, 18: 193–213.

Parenti, P. 2021. An annotated checklist of damselfishes, family Pomacentridae Bonaparte, 1831. *Journal of Animal Diversity*, 3 (1): 37–109.

Pomacentrus fumeus Tanaka, 1917 マツバスズメダイ

Original description: Tanaka (1917): 9.

田中茂穂. 1917. 日本産魚類の十一新種. *動物学雑誌*, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. *Zoological Magazine Tokyo*, 29 (339): 7–12. (In Japanese)]

Syntypes (available): ZUMT 7278 (1), ZUMT 7337 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Remarks: There is no holotype designation in the original description. From the records in the ZUMT specimen ledger, there were two, ZUMT 7278 and ZUMT 7337, which match the scientific name and collection data. These specimens are syntypes (ICZN Art. 72.1.1, 72.4.1, 73.1). The ZUMT 7278 had a cloth tag with "7278" and "Sketch No. 316" written on it.

原記載にはホロタイプの指定がない。ZUMT 標本台帳の記録から学名と収集データに一致する ZUMT 7278 と ZUMT 7337 の 2 つがあった。これらの標本はシントタイプである(ICZN Art. 72.1.1, 72.4.1, 73.1)。ZUMT 7278 には、「7278」、「写生番号 316 号」と書かれた布タグが付いている。

Current status: Valid as *Chromis fumea* (Tanaka, 1917) マツバスズメダイ

Randall, J. E., Ida, H. and Moyer, J. T. 1981. A review of the damselfishes of the genus *Chromis* from Japan and Taiwan, with description of a new species. *Japanese Journal of Ichthyology*, 28 (3): 203–242, pl. 1.

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. An annotated checklist of damselfishes, family Pomacentridae Bonaparte, 1831. *Journal of Animal Diversity*, 3 (1): 37–109.

Pomacentrus nagasakiensis Tanaka, 1917 ナガサキズズメダイ

Original description: Tanaka (1917): 9.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Syntypes (available): ZUMT 6582 (1), ZUMT 6583 (1), Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集.)

Remarks: There is no holotype designation in the original description. In the ZUMT specimen ledger, two items, ZUMT 6582 and ZUMT 6583, matched with the collection data. These specimens are syntypes (ICZN Art. 72.1.1, 72.4.1, 73.1). There is "type 6383" written by Tanaka in the item of ZUMT 6583 in the ZUMT specimen ledger. Moyer and Ida (1975) restated ZUMT 6583 as a holotype on the basis of this writing. However, this writing does not evidence that the holotype was fixed to ZUMT 6583 (ICZN Art. 72.4.7).

原記載にはホロタイプ指定がない。ZUMT 標本台帳には収集データに ZUMT 6582 と ZUMT 6583 の 2 つが一致した。これらの標本は、シントタイプである (ICZN Art. 72.1.1, 72.4.1, 73.1)。ZUMT 標本台帳の ZUMT 6583 の項目に「type 6383」と田中直筆の書き込みがあり、Moyer and Ida (1975) は、この書き込みを根拠に ZUMT 6583 をホロタイプとし、再記載している。しかし、ZUMT 標本台帳の書き込みはホロタイプを ZUMT 6583 に固定されたという証拠にはならない (ICZN Art. 72.4.7)。

Current status: Valid as *Pomacentrus nagasakiensis* Tanaka, 1917 ナガサキズズメダイ

Moyer, J. T. and Ida, H. 1975. Redescription of *Pomacentrus nagasakiensis* and comparison with specimens from Miyake-jima and the Bonin Islands. Japanese Journal of Ichthyology, 22 (2): 104–108.

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)]

Fricke, R., Allen, G. R., Andréfouët, S., Chen, W.-J., Hamel, M. A., Laboute, P., Mana, R., Tan, H. H. and Uyeno, D. 2014. Checklist of the marine and estuarine fishes of Madang District, Papua New Guinea, western Pacific Ocean, with 820 new records. Zootaxa, 3832 (1): 1–247.

Parenti, P. 2021. An annotated checklist of damselfishes, family Pomacentridae Bonaparte, 1831. Journal of Animal Diversity, 3 (1): 37–109.

Kyphosidae イスズミ科

Kyphosus pacificus Sakai & Nakabo, 2004 ミナミスズミ

Original description: Sakai and Nakabo (2004): 20, fig. 1.

Sakai, K. and Nakabo, T. 2004. Two new species of *Kyphosus* (Kyphosidae) and a taxonomic review of *Kyphosus bigibbus* Lacepède from the Indo-Pacific. Ichthyological Research, 51 (1): 20–32.

Paratype (available): ZUMT 31003(1), Hachijo-jima Island, Izu Islands, Japan; 21 Oct. 1935.

Current status: Valid as *Kyphosus pacificus* Sakai & Nakabo, 2004 ミナミスズミ

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)]

Sakai, K. and Nakabo, T. 2014. Taxonomic review of *Kyphosus* (Pisces: Kyphosidae) in the Atlantic and eastern Pacific oceans. Ichthyological Research, 61 (3): 265–292.

- Koeda, K., Fujii, T., Koeda, S. and Motomura, H. 2016. Fishes of Yoro-jima and Uke-jima islands in the Amami Islands: 89 new specimen-based records. *Memoirs of the Faculty of Fisheries, Kagoshima University*, 65: 1–20.
- Koeda, K., Hibino, Y., Yoshida, T., Kimura, Y., Miki, R., Kunishima, T., Sasaki, D., Furukawa, T., Sakurai, M., Eguchi, K., Suzuki, H., Inaba, T., Uejo, T., Tanaka, S., Fujisawa, M. Wada, H. and Uchiyama, T. 2016. Annotated checklist of fishes of Yonaguni-jima Island, the westernmost island in Japan. The Kagoshima University Museum, Kagoshima. v + 119 pp, 1 pl.
- 本田 康介・和田 英敏・瀬能 宏. 2022. 日本産イスズミ属 4 種の成長に伴う形態と色彩の変化および幼魚期における識別. *Ichthy, Natural History of Fishes of Japan*, 21: 13-26. [Honda, K., Wada H. and Senou H. 2022. Diagnosis and ontogenetic changes in morphological characters and coloration in young stages of four Japanese species of *Kyphosus* (Perciformes: Kyphosidae). *Ichthy, Natural History of Fishes of Japan*, 21: 13-26. (In Japanese, English abstract)]

Stromateoidei イボダイ亜目

Nomeidae エボンダイ科

Psenes kamoharai Abe, Kojima & Kosakai, 1963 スジハナビラウオ

Original description: Abe, Kojima and Kosakai (1963): 31.

Abe, T., Kojima, S. and Kosakai, T. 1963. Description of a new nomeid fish from Japan. *Japanese Journal of Ichthyology*, 11 (1/2): 31–35.

Paratype (available): ZUMT 52309 (1), 40 miles (64 km Ca.) northwest of Hamada City, Shimane Pref., Japan; 20 Aug. 1963.

Remarks: The following paratypes from the Abe collection are whereabouts unknown.
以下の阿部コレクションのパラタイプは、所在不明である。

ABE 58-235 (1), at Manazuru, Kyoto, Japan; first half of 1958; probably by trap net.

ABE 58-236 (1), 40 miles northwest of Hamada, Shimane Pref., Japan; 20 Aug. 1963.

ABE 60-1961 (1), ABE 60-1962 (2), off Hamada Shimane Pref., Japan; 31 July 1960.

Current status: Synonym of *Psenes cyanophrys* Valenciennes, 1833 スジハナビラウオ

Haedrich, R. L. 1967. The stromateoid fishes: systematics and a classification. *Bulletin of the Museum of Comparative Zoology*, 135 (2): 31–139.

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)]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 3. *Tropical Reef Research*, Perth, Australia. 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)]

Kawai, T., Tashiro, F., Nakayama, N., Imamura, H., Kamiyama, K., Aungtonya, C. and Banchongmanee, S. 2020. Deep-sea fishes from the Andaman Sea by R/V Chakratong Tongyai during 1996-2000. Part 5: order Perciformes. *Phuket Marine Biological Center Research Bulletin*, 77: 43–59.

園山貴之・荻本啓介・堀 成夫・内田喜隆・河野光久. 2020. 証拠標本および画像に基づく山口県日本海産魚類目録. 鹿児島大学総合研究博物館研究報告, 11: 1–152. [Sonoyama, T., Ogimoto, K., Hori, S., Uchida, Y. and Kawano, M. 2020. An annotated checklist of marine fishes of the Sea of Japan off Yamaguchi

Prefecture, Japan, with 74 new records. Bulletin of the Kagoshima University Museum, 11: 1–152. (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.

Tetragonuridae ドクウロコイボダイ科
Tetragonurus pacificus Abe, 1953

Original description: Abe (1953): 45, figs. 5–6.

Abe, T. 1953. New, rare or uncommon fishes from Japanese waters. II. Records of rare fishes of the families Diretmidae, Luvaridae and Tetragonuridae, with an appendix (description of a new species, *Tetragonurus pacificus*, from off the Solomon Islands). Japanese Journal of Ichthyology, 3(1): 39–47.

Holotype (available): ZUMT 47823, east of New Britain, Papua New Guinea (approx. 6°36'S, 152°29'E; obtained from stomach of *Thunnus albacares* (Bonnaterre, 1788); 30 Dec. 1952; coll. by RV Fusa-maru.

Current status: Valid as *Tetragonurus pacificus* Abe, 1953

Koeda, K. and Teramura, A. 2019. Redescription of *Tetragonurus pacificus* (Teleostei: Stromateoidei: Tetragonuridae), based on specimens collected from Taiwan and Tarawa Atoll. Zootaxa, 4702 (1): 26–31. In Ho, H.-C., Koeda, K. and Hilton, E. J. (eds). Study on the fish taxonomy and diversity of Taiwan.

Labroidei ベラ亜目
Labridae ベラ科
Anampses ikedai Tanaka, 1908

Original description: Tanaka (1908): 32, pl. 1, fig. 2.

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): ZUMT 964, Kagoshima Pref., Japan.

Current status: Synonym of *Anampses meleagrides* Valenciennes, 1840 ホクトベラ

Randall, J. E. 1972. A revision of the labrid fish genus *Anampses*. Micronesica, 8 (1–2): 151–195, pls. 1–3.

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)]

Anampses nagayoi Tanaka, 1908

Original description: Tanaka (1908): 34, pl. 1, fig. 3.

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 957, Kagoshima Pref., Japan. 1903

Current status: Synonym of *Anampses meleagrides* Valenciennes, 1840 ホクトベラ

Randall, J. E. 1972. A revision of the labrid fish genus *Anampses*. *Micronesica*, 8 (1–2): 151–195, pls. 1–3.

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)]

Cirrhilabrus balteatus Randall, 1988

Original description: Randall (1988): 210, pls. 1 (figs. c–d), 3 (figs. d–f).

Randall, J. E. 1988. Five new wrasses of the genera *Cirrhilabrus* and *Paracheilinus* (Perciformes: Labridae) from the Marshall Islands. *Micronesica*, 21: 199–226, pls. 1–3.

Paratype (available): ZUMT 55207 (1), off POL pier, Enewetak I., Marshall Islands; rubble bottom in 3–21.5 m depth; rotenone; 5 Sept. 1968; collected by G. R. Allen.

Current status: Valid as *Cirrhilabrus balteatus* Randall, 1988

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. *Journal of the Ocean Science Foundation*, 15: 1–15.

Cirrhilabrus flavidorsalis Randall & Carpenter, 1980

Original description: Randall and Carpenter (1980): 21, figs. 1B, 7–8.

Randall, J. E. and Carpenter, K. E. 1980. Three new labrid fishes of the genus *Cirrhilabrus* from the Philippines. *Revue française d'Aquariologie Herpétologie*, 7 (1): 17–26.

Paratype (available, poor condition): ZUMT 54169 (1), coral rubble bottom, Tua Island (NW of Manado), Manado, Celebes, Indonesia; 18–22 m depth; spear and sodium cyanide; 3 Sept. 1978; collected by J.E. Randall and G.W. Tribble.

Current status: Valid as *Cirrhilabrus flavidorsalis* Randall & Carpenter, 1980

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 pp.

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. *Journal of the Ocean Science Foundation*, 15: 1–15.

Cirrhilabrus johnsoni Randall, 1988

Original description: Randall (1988): 217, pl. 2, fig. c.

Randall, J. E. 1988. Five new wrasses of the genera *Cirrhilabrus* and *Paracheilinus* (Perciformes: Labridae) from the Marshall Islands. *Micronesica*, 21: 199–226, pls. 1–3.

Paratypes (available): ZUMT 55208–ZUMT 55209 (2), lagoon off Mid-Pacific Research Laboratory, Enewetak Atoll, Marshall Islands; dense bed of algae dominated by *Halimeda*, 24.5 m depth.

Current Status: Valid as *Cirrhilabrus johnsoni* Randall, 1988

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. Journal of the Ocean Science Foundation, 15: 1–15.

Tea, Y.-K., Senou, H. and Greene, B. D. 2016. *Cirrhilabrus isosceles*, a new species of wrasse (Teleostei: Labridae) from the Ryukyu Archipelago and the Philippines, with notes on the *C. lunatus* complex. Journal of the Ocean Science Foundation, 21: 18–37.

Cirrhilabrus lubbocki Randall & Carpenter, 1980

Original description: Randall and Carpenter (1980): 18, figs. 1A, 2–6.

Randall, J. E. and Carpenter, K. E. 1980. Three new labrid fishes of the genus *Cirrhilabrus* from the Philippines. Revue française d'Aquariologie Herpétologie, 7 (1): 17–26.

Paratype (available, poor condition): ZUMT 54168 (1), southwestern side of Caban Island, Batangas, Luzon Islands, Philippine.

Current status: Valid as *Cirrhilabrus lubbocki* Randall & Carpenter, 1980

Allen, G. R. 1995. A new species of wrasse (Labridae: Cirrhilabrus) from Western Australia. Revue française d'Aquariologie Herpétologie, 22 (1/2): 14–18.

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 pp.

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. Journal of the Ocean Science Foundation, 15: 1–15.

Cirrhilabrus luteovittatus Randall, 1988

Original description: Randall (1988): 203, pls. 1 (figs. a–b), 3.

Randall, J. E. 1988. Five new wrasses of the genera *Cirrhilabrus* and *Paracheilinus* (Perciformes: Labridae) from the Marshall Islands. Micronesica, 21: 199–226, pls. 1–3.

Paratypes (available): ZUMT 55210–ZUMT 55213 (4), lagoon off POL pier, Enewetak I, Marshall Islands; rubble, 3–12m depth; 5 Sept. 1968; collected by G. R. Allen,

Current status: Valid as *Cirrhilabrus luteovittatus* Randall, 1988

Allen, G. R., Drew, J. A. and Barber, P. H. 2008. *Cirrhilabrus beauperryi*, a new wrasse (Pisces: Labridae) from Melanesia. aqua, International Journal of Ichthyology, 14 (3): 129–140.

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. Journal of the Ocean Science Foundation, 15: 1–15.

Cirrhilabrus rubripinnis Randall & Carpenter, 1980

Original description: Randall and Carpenter (1980): figs. 9–10.

Randall, J. E. and Carpenter, K. E. 1980. Three new labrid fishes of the genus *Cirrhilabrus* from the Philippines. Revue française d'Aquariologie Herpétologie, 7 (1): 17–26.

Paratype (available, poor condition): ZUMT 54167 (1), southwestern side of Caban Island, Batangas, Luzon Island, Philippines; 28 July 1978.

Current status: Valid as *Cirrhilabrus rubripinnis* Randall & Carpenter, 1980

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 pp.

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. Journal of the Ocean Science Foundation, 15: 1–15.

Allen, G. R. and Hammer, M. P. 2017. *Cirrhilabrus greeni*, a new species of wrasse (Pisces: Labridae) from the Timor Sea, northern Australia. Journal of the Ocean Science Foundation, 29: 55–65.

Cirrhilabrus scottorum Randall & Pyle, 1989

Original description: Randall and Pyle (1989): 114, figs. 1–5.

Randall, J. E. and Pyle, R. M. 1989. *Cirrhilabrus scottorum*, a new labrid fish from the South Pacific Ocean. Revue française d'Aquariologie Herpétologie, 15 (4) [1988]: 113–118.

Paratype (available): ZUMT 57521 (1), outer reef slope, Moorea, Society Islands; 12 m depth; rotenone; 10 May 1983; collected by R. Galzin.

Current status: Valid as *Cirrhilabrus scottorum* Randall & Pyle, 1989

Allen, G. R., Drew, J. A. and Barber, P. H. 2008. *Cirrhilabrus beauperryi* a new (Pisces: Labridae) from Melanesia. aqua, International Journal of Ichthyology, 14 (3): 129–140.

Allen, G. R., Erdmann, M. V. and Dailami, M. 2015. *Cirrhilabrus marinda*, a new species of wrasse (Pisces: Labridae) from eastern Indonesia, Papua New Guinea, and Vanuatu. Journal of the Ocean Science Foundation, 15: 1–15.

Coris imbris Tanaka, 1918 シケベラ

Original description: Tanaka (1918): 521, pl. 138, fig. 386.

田中茂穂. 1918. 日本産魚類図説, 29: 515–538, pls. 138–139. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 29: 515–538, pls. 138–139. (In Japanese and English)]

Holotype (lost): ZUMT uncatalogued, Tanabe, Wakayama Pref., 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 ZUMT specimen ledger, and there is no specimen that matches the description in the ZUMT collection.

原記載にはホロタイプ指定がない。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はない。

Current status: Synonym of *Coris aygula* Lacepède, 1801 カンムリベラ

Randall, J. E. 1999. Revision of Indo-Pacific labrid fishes of the genus *Coris*, with descriptions of five new species. Indo-Pacific Fishes, 29: 1–74, pls. 1–22.

- 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. and Randall, J. E. 2000. An annotated checklist of the species of the labroid fish families Labridae and Scaridae. Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology, 68: 1-97.

Halichoeres nafae Tanaka, 1908

Original description: Tanaka (1908): 36, pl. 2, fig. 3.

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 uncatalogued, In possession of Mr. J. Hashimoto, Okinawa Pref., Japan; Aug. 1906.

Remarks: The original description is based on one individual, and the holotype is "is now in possession of Mr. J. Hashimoto.". There is no corresponding specimen in the ZUMT specimen ledger, and there is no specimen that matches the description in the ZUMT collection.

原記載は1個体を基に記載され、ホロタイプは「is now in possession of Mr. J. Hashimoto.」とある。ZUMT 標本台帳にも該当する標本はなく、ZUMT コレクションにも記載に一致する標本はない。

Current status: Synonym of *Halichoeres margaritaceus* (Valenciennes, 1839) アカニジベラ

- 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. and Randall, J. E. 2000. An annotated checklist of the species of the Labroid fish families Labridae and Scaridae. Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology, 68: 1-97.

Paracheilinus carpenteri Randall & Lubbock, 1981

Original description: Randall and Lubbock (1981): 24, pl. 2, figs. A-B.

Randall, J. E. and Lubbock, R. 1981. Labrid fishes of the genus *Paracheilinus*, with descriptions of three new species from the Philippines. Japanese Journal of Ichthyology, 28 (1): 19-30, pls. 1-2.

Paratype (available, poor condition): ZUMT 54166 (1), southwest side, sloping bottom of coral rubble, Fungia, and soft coral, Batangas, Caban Island, Luzon Islands, Philippine; 30 m depth; rotenone; 28 June 1978; collected by J. E. Randall, G. W. Tribble, R. P. H. Rutherford, and K. E. Carpenter.

Current status: Valid as *Paracheilinus carpenteri* Randall & Lubbock, 1981 クジャクベラ

- 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)]
- Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425-855 pp.

Allen, G. R., Erdmann, M. V. and Yusmalinda, N. L. A. 2013. *Paracheilinus rennyae*, a new species of flasher wrasse (Perciformes: Labridae) from southern Indonesia. *aqua*, International Journal of Ichthyology, 19 (4): 193–206.

Allen, G. R., Erdmann, M. V. and Yusmalinda, N. L. A. 2016. Review of the Indo-Pacific flasher wrasses of the genus *Paracheilinus* (Perciformes: Labridae), with descriptions of three new species. *Journal of the Ocean Science Foundation*, 19: 18–90.

***Paracheilinus lineopunctatus* Randall & Lubbock, 1981**

Original description: Randall and Lubbock (1981): 21, pl. 1, fig. B.

Randall, J. E. and Lubbock, R. 1981. Labrid fishes of the genus *Paracheilinus*, with descriptions of three new species from the Philippines. *Japanese Journal of Ichthyology*, 28 (1): 19–30, pls. 1–2.

Paratype (available, poor condition): ZUMT 54165 (1), southwest side, rubble, *Fungia*, and soft coral bottom, Batangas, Caban Island, Luzon, Philippine; 30 m depth; rotenone; 28 July 1978; collected by J. E. Randall, G. W. Tribble, R. P. H. Rutherford and K. E. Carpenter.

Current status: Valid as *Paracheilinus lineopunctatus* Randall & Lubbock, 1981

Allen, G. R. and Erdmann, M. V. 2008. *Paracheilinus nursalim*, a new species of flasher wrasse (Perciformes: Labridae) from the Bird's Head Peninsula of western New Guinea with a key to the species of *Paracheilinus*. *aqua*, International Journal of Ichthyology, 13 (3–4): 179–188.

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 pp.

Allen, G. R., Erdmann, M. V. and Yusmalinda, N. L. A. 2016. Review of the Indo-Pacific flasher wrasses of the genus *Paracheilinus* (Perciformes: Labridae), with descriptions of three new species. *Journal of the Ocean Science Foundation*, 19: 18–90.

***Verreo cylindriatus* Tanaka, 1930 アカボウ**

Original description: Tanaka (1930): 941, Pl. 187 (fig. 513).

田中茂穂. 1930. 日本産魚類図説, 47: 925–944, pls. 185–187. [Tanaka, S. 1930. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 47: 925–944, pls. 185–187. (In Japanese and English)]

Holotype (available): ZUMT 19933, Tokyo Market, Japan. (東京市場)

Remarks: There is no holotype designation in the original description. It was mainly described based on ZUMT 19333. This specimen is a holotype (ICZN Art. 73.1.2). In addition to the illustrated specimen, there was ZUMT 23498 with the same scientific name in the record of the ZUMT specimen ledger. This specimen was collected after description and is not a type series.

原記載にはホロタイプ指定がない。ZUMT19333をもとに記載された。この標本がホロタイプである (ICZN Art. 73.1.2)。図説の標本以外に、ZUMT 標本台帳の記録に学名が一致した ZUMT 23498 があつた。この標本は、記載後に採集されたものであり、タイプシリーズではない。

Current status: Valid as *Bodianus cylindriatus* (Tanaka, 1930) アカボウ

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.]

- Gomon, M. F. 2006. A revision of the labrid fish genus *Bodianus* with descriptions of eight new species. Records of the Australian Museum. Suppl. 30: 1–133.
- Randall, J. E. 2007. Reef and shore fishes of the Hawaiian Islands. Sea Grant College Program, University of Hawai'i, Honolulu. xiv + 546 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)]

Zoarcoidei ゲンゲ亜目
Zoarcidae ゲンゲ科
Furcimanus nakamurae Tanaka, 1914 イシゲンゲ

Original description: Tanaka (1914): 303, pl. 82 (fig. 276).

田中茂徳. 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)]

Holotype (lost): ZUMT uncatalogued, Niigata Pref., Japan; collected by Masao Nakamura. (新潟 中村正雄採集)

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 there is no specimen matching with the description in the ZUMT collection.

原記載にホロタイプ指定がない。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はない。

Current status: Valid as *Lycodes nakamurae* (Tanaka, 1914) クロゲンゲ

Toyoshima, M. 1985. Taxonomy of the subfamily Lycodinae (family Zoarcidae) in Japan and adjacent waters. Memoirs of the Faculty of Fisheries, Hokkaido University, 32 (2): 131–243.

Shinohara, G., Shirai, A. M., Nazarkin, M. V. and Yabe, M. 2011. Preliminary list of the deep-sea fishes of the Sea of Japan. Bulletin of the National Museum of Nature and Science (Ser. A), 37 (1): 35–62.

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)]

Shinohara, G., Nakae, M., Ueda, Y., Kojima, S. and Matsuura, K. 2014. Annotated checklist of deep-sea fishes of the Sea of Japan. In: Fujita, T. (ed.): Deep-sea fauna of the Sea of Japan. National Museum of Nature and Science Monographs, 44: 225–291.

園山貴之・荻本啓介・堀 成夫・内田喜隆・河野光久. 2020. 証拠標本および画像に基づく山口県日本海産魚類目録. 鹿児島大学総合研究博物館研究報告, 11: 1–152. [Sonoyama, T., Ogimoto, K., Hori, S., Uchida, Y. and Kawano, M. 2020. An annotated checklist of marine fishes of the Sea of Japan off Yamaguchi Prefecture, Japan, with 74 new records. Bulletin of the Kagoshima University Museum, 11: 1–152. (In Japanese)]

Dyldin, Yu. V. and Orlov, A. M. 2021. Annotated list of ichthyofauna of inland and coastal waters of Sakhalin Island. 3. Families Priacanthidae–Sebastidae. Journal of Ichthyology, 61 (6): 832–866.

Lycodes sadoensis Toyoshima & Honma, 1980 サドヒナゲンゲ

Original description: Toyoshima and Honma (1980): 48, fig. 1.

Toyoshima, M. and Honma, Y. 1980. Description of a new zoarcid fish, *Lycodes sadoensis*, from the Sea of Japan. Japanese Journal of Ichthyology, 27 (1): 48–50.

Paratypes (available): ZUMT 54225–ZUMT 54226 (2), off Ishikawa Pref., Japan (37°33.5'N, 136°15.0'E); 235 m depth.

Current status: Synonym of *Petroschmidtia teraoi* (Katayama, 1943) ヒナゲンゲ

Nazarkin, M. V., Shinohara, G. and Shirai, S. M. 2014. Phylogeny and taxonomy of *Petroschmidtia teraoi* (Katayama, 1943) (Osteichthyes: Perciformes: Zoarcidae). *Zootaxa*, 3780 (1): 171–193.

Shinohara, G., Shirai, A. M., Nazarkin, M. V. and Yabe, M. 2011. Preliminary list of deep-sea fishes of the Sea of Japan. *Bulletin of the National Museum of Nature and Science (Ser. A)*, 37 (1): 35–62.

Balushkin, A. V., Sheiko, B. A. and Fedorov, V. V. 2011. Catalog of the archival collection of the Zoological Institute, Russian Academy of Sciences: Class Osteichthyes (bony fishes), Order Perciformes, Family Zoarcidae. *Journal of Ichthyology*, 51 (10): 950–1034.

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)]

Shinohara, G., Nakae, M., Ueda, Y., Kojima, S. and Matsuura, K. 2014. Annotated checklist of deep-sea fishes of the Sea of Japan. In: Fujita, T. (ed.): *Deep-sea fauna of the Sea of Japan*. National Museum of Nature and Science Monographs, 44: 225–291.

園山貴之・荻本啓介・堀 成夫・内田喜隆・河野光久. 2020. 証拠標本および画像に基づく山口県日本海産魚類目録. 鹿児島大学総合研究博物館研究報告, 11: 1–152. [Sonoyama, T., Ogimoto, K., Hori, S., Uchida, Y. and Kawano, M. 2020. An annotated checklist of marine fishes of the Sea of Japan off Yamaguchi Prefecture, Japan, with 74 new records. *Bulletin of the Kagoshima University Museum*, 11: 1–152. (In Japanese)]

Melanostigma orientale Tominaga, 1971 コンニャクハダカゲンゲ

Original description: Tominaga (1971): 151, figs. 1–3.

Tominaga, Y. 1971. *Melanostigma orientale*, a new species of zoarcid fish from Sagami Bay and Suruga Bay, Japan. *Japanese Journal of Ichthyology*, 18 (4): 151–156.

Holotype (available): ZUMT 52454 (probably male), Sagami Bay, Shizuoka Pref., Japan (35°08' N, 139°16'E); Jan. 26, 1968; collected with the oblique haul of larva net of 1.6m in diameter, (haul depth ca.600 m to surface bottom ca.1200m), 21:56 to 23:18. 131.5 mm in total length.

Paratype (available): ZUMT 52455 (1, clear & stained by alizarin red), Suruga Bay, Shizuoka Pref., Japan (34°54.5 'N, 138°38.1'E); 3 Nov. 1968; collected with oblique haul of larva net of 1.6 m in diameter, (haul depth 1250 m to surface; bottom ca.1600m), 20:13 to 21:47. Young specimen 52.55 mm in total length.

Current status: Valid as *Melanostigma orientale* Tominaga, 1971 コンニャクハダカゲンゲ

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.]

Anderson, M. E. 1994. Systematics and osteology of the Zoarcidae (Teleostei: Perciformes). *Ichthyological Bulletin of the J. L. B. Smith Institute of Ichthyology*, 60: 1–120.

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)]

Balushkin, A. V. and Moganova, M. V. 2017. New species of pelagic eelpouts of the genus *Melanostigma* (Zoarcidae) from Western Antarctica. *Journal of Ichthyology*, 57 (2):171–176.

Balushkin, A. V. and Orlovskaya, M. V. 2019. *Melanostigma meteori* sp. n. (Zoarcidae): a new pelagic eelpout species from the Meteor Bank (Southeastern Atlantic), with remarks on the polymerization of the lateral line in the family. *Journal of Ichthyology*, 59 (2): 135–143.

Balushkin, A. V. 2019. Description of a new species of pelagic eelpouts *Melanostigma japonicum* sp. nova (Zoarcidae) from the Pacific coast of south Japan with a key for the species of the genus *Melanostigma* from the Pacific Ocean and the adjacent waters of the Indian and Southern Oceans. *Journal of Ichthyology*, 59 (3): 283–288.

Neozoarcidae ヒメイトギンポ科

***Zoarchias glaber* Tanaka, 1908**

Original description: Tanaka (1908): 38.

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

Holotype (lost): ZUMT 2011, off Misaki (Sagami Bay), Kanagawa Pref., Japan; 1908; collected by Shigeo Tanaka. (三崎 相模湾 1908 年 田中茂穂採集)

Remarks: The original description specified ZUMT 2011 as the holotype. 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 2011 を指定した。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: Valid as *Zoarchias glaber* Tanaka, 1908 トビイトギンポ

Tomiyama, I. and Abe, T. 1956. Figures and descriptions of the fishes of Japan (a continuation of Dr. Shigeo Tanaka's work). *Kazama-shobo*, Tokyo. 54: 1091–1113, pls. 217–219. (In English and 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.]

片渕弘志・岸本浩和・瀬能宏. 2002. 駿河湾からゲンゲ科魚類の稀種トビイトギンポを採集. *I.O.P Diving News*, 13 (9): 1–6. [Katafuchi, H., Kishimoto, H. and Senou, H. 2002. Record of a rare zoarchid fish, *Zoarchias glaber* from Suruga Bay with notes on the color and morphological variations. *I.O.P Diving News*, 13 (9): 1–6. (In Japanese with English abstract)]

Kimura, S. and Sato, A. 2007. Descriptions of two new pricklebacks (Perciformes: Stichaeidae) from Japan. *Bulletin of the National Museum of Nature and Science (Ser. A) Supplement*, 1: 67–79.

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)]

***Zoarchias neglectus* Tanaka, 1908**

Original description: Tanaka (1908): 24.

Tanaka, S. 1908. On a small collection of tide-pool fishes from Misaki, with descriptions of two new species. *Annotationes Zoologicae Japonenses*, 7 (1): 17–26.

Holotype (lost): ZUMT 1969, off Misaki (Sagami Bay), Kanagawa Pref., Japan; May 1908; collected by Shigeo Tanaka. (三崎 1908 年 5 月 田中茂穂採集)

Paratype (lost): ZUMT 1968 (1), same as holotype.

Paratypes (available): ZUMT 48583–ZUMT 48584 (2), same as holotype. It was identified as *Zoarchias glaber* by Ichiro Tomiyama.

Paratypes (available): ZUMT 57527–ZUMT 57540 (14), same as holotype.

Remarks: The original description is based on 18 specimens including the holotype ZUMT 1969. According to the records in the ZUMT specimen ledger, the paratype is ZUMT 1968, which includes 17 specimens. Of the ZUMT 1968, two specimens were identified by Dr. Ichiro Tomiyama as *Zoarchias glaber* Tanaka and re-registered in ZUMT 48583, 48584, and the remaining 14 specimens were re-registered in ZUMT 57527–57540. The whereabouts of one of the holotype ZUMT 1969 and the paratype ZUMT 1968 are unknown.

原記載はホロタイプ ZUMT 1969 を含む 18 標本を基に記載した。ZUMT 標本台帳の記録からパラタイプは ZUMT 1968 であり、17 標本を含むとある。ZUMT 1968 の内、2 標本は富山一郎博士により *Zoarchias glaber* Tanaka と同定され、ZUMT 48583 と ZUMT 48584 に再登録され、残り 14 標本も ZUMT 57527–57540 に再登録された。ホロタイプ ZUMT 1969 とパラタイプ ZUMT 1968 の 1 個体は所在不明。

Current status: Valid as *Zoarchias neglectus* Tanaka, 1908 コモンイトギンボ

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. 53: 1077–1090, pls. 213–216. (In English and 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.]

Kimura, S. and Sato, A. 2007. Descriptions of two new pricklebacks (Perciformes: Stichaeidae) from Japan. Bulletin of the National Museum of Nature and Science (Ser. A) Supplement, 1: 67–79.

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)]

Trachinoidei ワニギス亜目

Pinguipedidae トラギス科

Neopercis muronis Tanaka, 1918 ムロトラギス

Original description: Tanaka (1918): 227.

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 8316, Tanabe, Wakayama Pref., Japan; collected by Nuizo Ui. (紀伊國田邊[和歌山県田辺市]宇井縫蔵採集)

Remarks: There is no holotype designation in the original description. ZUMT 8316 is the only specimen whose scientific name and collection data in the ZUMT specimen ledger match the original description, and is a holotype (ICZN Art. 72.4.1, 73.1.). This specimen has two cloth tags, the registration number "8316" and "Sketch No. 400".

Tanaka (1918) described the "Murotoragisu" illustrated in the Figures and descriptions of the fishes of Japan (29: 536–539, pl. 139, fig. 390) as the holotype.

原記載にはホロタイプの指定がない。ZUMT 8316 は、ZUMT 標本台帳の学名や収集データが原記載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, 73.1)。この標本には登録番号の「8316」と「写生番号 400 号」の 2 つの布タグが付いている。

田中(1918)は、日本産魚類図説(29: 536–539, pl. 139, fig. 390)に図示した「ムロトラギス」は、ホロタイプである。

Current status: Valid as *Parapercis muronis* (Tanaka, 1918) ムロトラギス

田中茂穂. 1918. 日本産魚類図説, 29: 515–538, pls. 138–139. [Tanaka, S. 1918. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 29: 515–538, pls. 138–139. (In Japanese and English)]

- Cantwell, G. E. 1964. A revision of the genus *Parapercis*, family Mugiloididae. *Pacific Science*, 18 (3): 239–280.
- 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)]
- Johnson, J. W. and Worthington Wilme, J. 2018. Three new species of *Parapercis* (Perciformes: Pinguipedidae) and first records of *P. muronis* (Tanaka, 1918) and *P. rubromaculata* Ho, Chang & Shao, 2012 from Australia. *Zootaxa*, 4388 (2): 151–181.

Uranoscopidae ミシマオコゼ科

Uranoscopus flavipinnis Kishimoto, 1987 キビレミシマ

Original description: Kishimoto (1987): 4, fig. 2.

Kishimoto, H. 1987. A new stargazer, *Uranoscopus flavipinnis*, from Japan and Taiwan with redescription and neotype designation of *U. japonicus*. *Japanese Journal of Ichthyology*, 34 (1): 1–14.

Paratype (available): ZUMT 55110 (1, female), outside coast of Miho Peninsula, innermost Suruga Bay, Shimizu-ku, Shizuoka City; Shizuoka Pref., Japan; 10 hiro (18 m ca.) depth; 10 Apr. 1979; a bottom gill net; collected by Hirokazu Kishimoto.

Paratype (available): ZUMT 55111 (1, female), outside coast of Miho Peninsula, innermost Suruga Bay, Japan; 7–20 hiro (12–36 m ca.) depth; a bottom gill net; 17 Apr. 1979; collected by Hirokazu Kishimoto.

Paratype (available): ZUMT 55112 (1, male), outside coast of Miho Pen., innermost Suruga Bay, Shimizu-ku, Shizuoka City; Shizuoka Pref., Japan; 5 hiro (9 m ca.) depth; a bottom gill net; 16 Apr. 1979; collected by Hirokazu Kishimoto.

Current status: Synonym of *Uranoscopus oligolepis* Bleeker, 1878 キビレミシマ

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)]

Pietsch, T. W. 1989. Phylogenetic relationships of trachinoid fishes of the family Uranoscopidae. *Copeia*, 1989 (no. 2): 253–303.

Pietsch, T. W. and Kishimoto, H. 1989. *Uranoscopus chinensis* Guichenot in Sauvage, 1882, a senior synonym of *Uranoscopus flavipinnis* Kishimoto, 1987 (Teleostei: Uranoscopidae). *Copeia*, 1989 (3): 748–750.

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)]

Fricke, R. 2018. Two new species of stargazers of the genus *Uranoscopus* (Teleostei: Uranoscopidae) from the western Pacific Ocean. *Zootaxa*, 4476 (1): 157–167.

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.

Prokofiev, A. M. 2020. New species of stargazers (Uranoscopidae) from the Arafura Sea. *Journal of Ichthyology*, 60 (5): 673–680.

Prokofiev, A. M. 2021. To the taxonomy of the stargazers of the genus *Uranoscopus* of the Indo-Pacific waters with a description of three new species (Uranoscopidae). *Journal of Ichthyology*, 61 (5): 655–679.

Blennioidei ギンポ亜目

Blenniidae イソギンポ科

Alticus orientalis Tomiyama, 1955

Original description: Tomiyama (1955): 10, fig. 6.

Tomiyama, I. 1955. Notes on some fishes, including one new genus and three new species from Japan, the Ryukyus and Pescadores. *Japanese Journal of Ichthyology*, 4 (1/2/3): 1–15.

Holotype (available): ZUMT 48353, Hachijo-jima Island, Izu Islands, Japan; collected by Yojiro Otsuki. (伊豆諸島八丈島 大槻 洋四郎採集)

Current status: Valid as *Alticus orientalis* Tomiyama, 1955 ヤセタマカエルウオ

Smith-Vaniz, W. F. and Springer, V. G. 1971. Synopsis of the tribe Salariini, with description of five new genera and three new species (Pisces: Blenniidae). *Smithsonian Contributions to Zoology*, 73: 1–72.

Mochizuki K (1982) A record of the blenniid fish, *Alticus orientalis*, from Minami-Iwojima Island. In: Nature Conservation Bureau of Ministry of the Environment (ed) Conservation Reports of the Minami-Iwojima Wilderness Area, Tokyo, Japan. Nature Conservation Bureau of Ministry of the Environment, Tokyo, pp 385–389.

Fujiwara, K., Kawama, K., Muto, N., Senou, H. and Motomura, H. 2022. Validity and redescription of the poorly known Japanese blenny *Alticus orientalis* Tomiyama 1955 (Perciformes: Blenniidae). *Ichthyological Research*, 68 (4): 471–485. [First published online, pp. 1-15, on 27 Mar. 2021. Volume, issue and pages added 25 Oct. 2021.]

Andamia pacifica Tomiyama, 1955

Original description: Tomiyama (1955): 13, pl. 7.

Tomiyama, I. 1955. Notes on some fishes, including one new genus and three new species from Japan, the Ryukyus and Pescadores. *Japanese Journal of Ichthyology*, 4 (1/2/3): 1–15.

Holotype (available): ZUMT 37924, Kerama Islands, near Okinawa Is., Japan; Apr. 1924; collector unknown. (沖縄県慶良間諸島 大正 13 年 4 月)

Paratype (available): ZUMT 37925 (1), same as holotype.

Current status: Valid as *Andamia pacifica* Tomiyama, 1955

Smith-Vaniz, W. F. and Springer, V. G. 1971. Synopsis of the tribe Salariini, with description of five new genera and three new species (Pisces: Blenniidae). *Smithsonian Contributions to Zoology*, 73: 1–72.

Meiacanthus kamoharai Tomiyama, 1956 カモハラギンポ

Original description: Tomiyama (1956): 1083, pl. 214–215.

Tomiyama, I. and Abe, T. 1956. Figures and descriptions of the fishes of Japan (a continuation of Dr. Shigeo Tanaka's work), 53: 1077–1090, pls. 213–216. (In English and Japanese)

Holotype (available): ZUMT 18777, Kashiwa-jima, Otsuki-cho, Hata Dist., Kochi Pref., Japan; Mar. 12, 1905; collected by Katsuya Tago. (高知県柏島 明治 38 年 3 月 12 日 田子勝弥採集)

Current status: Valid as *Meiacanthus kamoharai* Tomiyama, 1956 カモハラギンボ

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.]

Smith-Vaniz, W. F. and Allen, G. R. 2011. Three new species of the fangblenny genus *Meiacanthus* from Indonesia, with color photographs and comments on other species (Teleostei: Blenniidae: Nemophini). *Zootaxa*, No. 3046: 39–58.

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)]

Koeda, K., Fujii, T., Koeda, S. and Motomura, H. 2016. Fishes of Yoro-jima and Uke-jima islands in the Amami Islands: 89 new specimen-based records. *Memoirs of the Faculty of Fisheries, Kagoshima University*, 65: 1–20.

Salarias namiyei Jordan & Evermann, 1902

Original description: Jordan and Evermann (1902): 362, fig. 25.

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.

Holotype (available): ZUMT 5726, Pescadores Islands [Penghu], Taiwan.

Remarks: The original description is "Type-No. 278, specimen 2.5 inches long from Hokoto, or Pescadores Islands; returned to the Imperial University of Tokyo". The ZUMT 5726 is the only specimen whose scientific name and collected data match with the records in the ZUMT specimen ledger. The records of ZUMT 5726 are "*Salarias namiyei* n. sp. 1 piece" and "Hokoto, Jordan. Type". This specimen had a metal tag engraved with the same number "278" as the original "Type-No. 278". This specimen is the holotype (ICZN Art. 73.1).

"Hokoto" is the Japanese name for Penghu Islands, and Jordan and Evermann (1902) specified "Hokoto" and another name for Penghu Islands, "Pescadores".

原記載の記述は「Type—No. 278, specimen 2.5 inches long from Hokoto, or Pescadores Islands; returned to the Imperial University of Tokyo」とある。ZUMT 標本台帳の記録に学名と収集データが一致した ZUMT 5726 は唯一の標本である。ZUMT 5726 の記録は、「*Salarias namiyei* n. sp. 1 個」、「Hokoto, Jordan. type」とある。この標本には、原記載の「Type—No. 278」と同じ番号「278」が刻印された金属タグが付けられていた。この標本がホロタイプである (ICZN Art. 73.1)。

"Hokoto"は澎湖諸島の日本名であり、Jordan and Evermann (1902)は、"Hokoto"と澎湖諸島の別名の“Pescadores”を明記した。

Current status: Valid as *Ecsenius namiyei* (Jordan & Evermann, 1902) ニラミギンボ

Springer, V. G. 1971. Revision of the fish genus *Ecsenius* (Blenniidae, Blenniinae, Salariaiini). *Smithsonian Contributions to Zoology*, 72: ii + 1–74.

平松 亘・山川 武・瀬能 宏. 1993. 日本初記録のニラミギンボ. *I.O.P Diving News*, (3):2–3. [Hiramatsu W., T. Yamakawa and H. Senou. 2012. First record of the blennioid fish, *Ecsenius namiyei*, from Japan. *I.O.P Diving News*, (3): 2–3. (In Japanese and English abstract)]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. *Tropical Reef Research*, Perth, Australia. 425–855 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)]

Gobiesocoidei ウバウオ亜目
Gobiesocidae ウバウオ科
Aspasma laticephala Tanaka, 1909

Original description: Tanaka (1909): 25.

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 (lost): ZUMT 2158, Kouzushima (Kozu-jima), Izu Islands, Japan. (神津島 伊豆諸島)

Remarks: The original description specified ZUMT 2158 as the holotype. In the record of ZUMT 2158 in the ZUMT specimen ledger, Tanaka wrote "Reject". No holotype has been found at this time, and it was determined that it was discard.

原記載はホロタイプに ZUMT 2158 を指定した。ZUMT 標本台帳の ZUMT 2158 の記録には、田中の直筆で「棄却」と書き込みがあった。現時点ではホロタイプは発見されておらず、廃棄したと判断した。

Current status: Valid as *Conidens laticephalus* (Tanaka, 1909) アンコウウバウオ

Briggs, J. C. 1955. A monograph of the clingfishes (Order Xenopterygii). Stanford Ichthyological Bulletin, 6: 1–224.

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)]

Allen, G. R. and Erdmann, M. V. 2012. Reef fishes of the East Indies. Vol. 2. Tropical Reef Research, Perth, Australia. 425–855 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)]

Koeda, K., Fujii, T., Koeda, S. and Motomura, H. 2016. Fishes of Yoro-jima and Uke-jima islands in the Amami Islands: 89 new specimen-based records. Memoirs of the Faculty of Fisheries, Kagoshima University. 65: 1–20.

Aspasma misakia Tanaka, 1908

Original description: Tanaka (1908): 22.

Tanaka, S. 1908. On a small collection of tide-pool fishes from Misaki, with descriptions of two new species. Annotationes Zoologicae Japonenses, 7(1): 17–26.

Holotype (available): ZUMT 1981 [not 1781], off Misaki (Sagami Bay), Kanagawa Pref., Japan; collected by S. Tanaka; May 1908. (三崎 明治 41 年 5 月 田中茂穂採集)

Paratype (lost): ZUMT 1982[not 1782] (1, 3.3 cm SL), same as holotype.

Remarks: In the original description, ZUMT 1781 was designated as the holotype (sample A in the measurement table) and described based on a paratype (sample B in the measurement table). There are two ZUMT 1781 records in the ZUMT specimen ledger, which is the latter, which matches with the original description such as the scientific name and collection data. The correct holotype registration number is ZUMT 1981. Subsequent ZUMT 1982 [not 1782] is the same collected data as the holotype and is a paratype of "Sample B" in the measurement table. Since this specimen cannot be confirmed at this time, it was judged to be lost.

The "Misaki-ubauo" illustrated in the Figures and descriptions of the fishes of Japan (3: 58–59, pl. 15, fig. 50) by Tanaka (1911) are the holotype of *Aspasma misakia* Tanaka, 1908.

原記載はホロタイプ(測定表の標本 A)に ZUMT 1781 を指定し、パラタイプ1標本(測定表の標本 B)に基

づいて記載された。ZUMT 標本台帳には ZUMT 1781 が 2 箇所のあり、学名や収集データなど原記載と一致したのは後者である。ホロタイプの登録番号は ZUMT 1981 が正しい。それに続く ZUMT 1982[not 1782]は、ホロタイプと同じ採集データであり、測定表の「標本 B」のパラタイプであるが、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。

田中(1911)の日本産魚類図説 (3: 58–59, pl. 15, fig. 50) に図示された「ミサキウバウオ」は、*Aspasma misakia* Tanaka, 1908 のホロタイプである。

Current status: Valid as *Lepadichthys misakius* (Tanaka 1908) ミサキウバウオ

田中茂穂. 1911. 日本産魚類図説, 3: 35–50, pls. 11–15. [Tanaka, S. 1911. Figures and descriptions of the fishes of Japan including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea, and Southern Sakhalin, 3: 35–50, pls. 11–15. (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)]

Fujiwara, K. and Motomura, H. 2019. Validity of *Lepadichthys misakius* (Tanaka 1908) and redescription of *Lepadichthys frenatus* Waite 1904 (Gobiesocidae: Diademichthyinae). *Zootaxa*, 4551 (3): 275–298.

Fujiwara, K. and Motomura, H. 2020. A new species of *Lepadichthys* from the Central South Pacific and comments on the taxonomic status of *Lepadichthys springeri* Briggs, 2001 (Gobiesocidae). *Copeia*, 108 (4): 833–846

Fujiwara, K., Hagiwara, K. and Motomura, H. 2020. Redescription of *Lepadichthys coccinotaenia* Regan 1921 and description of *Lepadichthys trishula* sp. nov. from southern Japan (Gobiesocidae: Diademichthyinae). *Ichthyological Research*, 67 (3): 422–438.

Callionymoidei ネズツポ亜目

Callionymidae ネズツポ科

Callionymus kanekonis Tanaka, 1917 アヤヌメリ

Original description: Tanaka (1917): 12.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. *Zoological Magazine Tokyo*, 29 (339): 7–12. (In Japanese)]

Holotype (available): ZUMT 7269, Nagasaki Market, Nagasaki Pref., Japan; collected by Ichiro Kaneko. (長崎市場 金子一狼採集)

Remarks: There is no holotype designation in the original description. ZUMT 7269 is the only specimen whose scientific name and collection data match the records in the ZUMT specimen ledger. This specimen is a holotype (ICZN Art. 72.4.1, 73.1). This specimen is tagged with a cloth tag labeled "Sketch No. 312".

原記載にはホロタイプの指定がない。ZUMT 7269 は ZUMT 標本台帳の記録に学名と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, 73.1)。この標本には「写生番号 312 号」と書かれた布タグが付いている。

Current status: Synonym of *Callionymus beniteguri* Jordan & Snyder, 1900 トビスメリ

Fricke, R. 1983. Revision of the Indo-Pacific genera and species of the dragonet family Callionymidae (Teleostei). *J. Cramer, Braunschweig. Theses Zoologicae*, 3: 1–774.

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)]

Fricke, R. 2002. Annotated checklist of the dragonet families Callionymidae and Draconettidae (Teleostei: Callionymoidei), with comments on callionymid fish classification. *Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie)*, 645: 1–103.

Calliurichthys numeri Tanaka, 1917 ミサキゴチ

Original description: Tanaka (1917): 11.

田中茂穂. 1917. 日本産魚類の十一新種. 動物学雑誌, 29 (339): 7–12. [Tanaka, S. 1917. Eleven new species of fish from Japan. Zoological Magazine Tokyo, 29 (339): 7–12. (In Japanese)]

Syntypes (available): ZUMT 7431–ZUMT 7436 (6), off Misaki (Sagami Bay), Kanagawa Pref., Japan; Nov. 1916; collected by Shigeo Tanaka. (三崎 大正 5 年 11 月 田中茂穂採集)

Remarks: There is no holotype designation in the original description. From the ZUMT specimen ledger, there was a record of ZUMT 7431–7436 whose scientific name and collection data match with the original description. These specimens are syntypes (ICZN Art. 73.2). There is a "type" entry on the ZUMT 7431, but this is not evidence of being fixed to the holotype (ICZN Art. 72.4.7).

原記載にはホロタイプ指定がない。ZUMT 標本台帳から学名と収集データが原記載と一致する ZUMT 7431～7436 の記録があった。これらの標本はシントタイプである (ICZN Art. 72.1.1, 73.2)。「type」の書き込みが ZUMT 7431 にあるが、このことがホロタイプに固定されている証拠にはならない (ICZN Art. 72.4.7)。

Current status: Synonym of *Callionymus japonicus* Houttuyn, 1782 ヨメゴチ

Fricke, R. 1982. Nominal genera and species of dragonets (Teleostei: Callionymidae, Draconettidae). *Annali del Museo Civico di Storia Naturale 'Giacomo Doria'*, 84: 53–92.

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)]

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)]

Fricke, R. 2002. Annotated checklist of the dragonet families Callionymidae and Draconettidae (Teleostei: Callionymoidei), with comments on callionymid fish classification. *Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie)*, 645: 1–103.

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)]

Fricke, R. and Vo, Q. V. 2018. *Callionymus vietnamensis*, a new species of dragonet from the South China Sea off southern Vietnam, with a review of the subgenus *Callionymus* (*Calliurichthys*) Jordan & Fowler 1903 (Teleostei: Callionymidae). *FishTaxa*, 3 (2): 433–452.

Pseudocalliurichthys ikedai Nakabo, Senou & Aizawa, 1998 ナリタイトヒキヌメリ

Original description: Nakabo, Senou and Aizawa (1998): 451, figs. 1–3A.

Nakabo, T., Senou, H. and Aizawa, M. 1998. New species of *Pseudocalliurichthys* (Teleostei: Callionymidae) from Iriomote Island, Japan. *Copeia*, 1998 (2): 452–455.

Holotype (available): ZUMT 58413, Mouth of Yonada-gawa River, Iriomote Is. (24°23'20"N 123°45'25"E), Yaeyama Islands, Okinawa Pref., Japan; 14 July 1988; 1 m depth; hand net; collected by Hiroshi Senou and Masahiro Aizawa.

Current status: Valid as *Pseudocalliurichthys ikedai* Nakabo, Senou & Aizawa, 1998 ナリタイトヒキヌメリ

Fricke, R. 2002. Annotated checklist of the dragonet families Callionymidae and Draconettidae (Teleostei: Callionymoidei), with comments on callionymid fish classification. *Stuttgarter Beiträge zur Naturkunde, Serie A (Biologie)*, 645: 1–103.

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)]

Synchiropus (Synchiropus) kiyoe Fricke & Zaiser, 1983 ヒメテグリ

Original description: Fricke and Zaiser (1983): 122, figs. 1-2.

Fricke, R. and Zaiser, M. J. 1983. A new callionymid fish, *Synchiropus kiyoe*, from the Izu Islands, Japan. Japanese Journal of Ichthyology, 30 (2): 122-128.

Paratypes (available): ZUMT 42861-ZUMT 42863(3), ZUMT 42881(1), Sekiyama, Hachijo-jima Is. (33°04'N 139°50'E), 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)

Current status: Valid as *Minysynchiropus kiyoe* (Fricke & Zaiser, 1983) ヒメテグリ

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)]

Motomura, H., Kuriwa, 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.

藤原恭司・上原航知・松岡 翠・Kunto Wibowo・本村浩之 2020. 琉球列島と奄美群島初記録種を含む沖永良部島初記録の魚類 50 種. Ichthy, Natural History of Fishes of Japan, 3: 30-40. [Fujiwara, K., Uehara, K., Matsuoka, M., Wibowo, K. and Motomura, H. 2020. First records of 50 fish species from Okinoerabu Island, the Amami Islands, Kagoshima, Japan. Ichthy, Natural History of Fishes of Japan, 3: 30-40. (In Japanese with English abstract)]

Synchiropus (Synchiropus) moyeri Zaiser & Fricke, 1985 ミヤケテグリ

Original description: Zaiser and Fricke (1985): 389, figs. 1-2.

Zaiser, M. J. and Fricke, R. 1985. *Synchiropus moyeri*, a new species of dragonet (Callionymidae) from Miyake-jima, Japan. Japanese Journal of Ichthyology, 31 (4): 389-397.

Paratype (lost): ZUMT 54586 (TMBS 830713-6 :1, male), Igaya Bay (34°06'N 139°28'E), Miyake-jima Is., Izu Islands, Japan; 15 m depth; 13 July 1983; collected by M. J. Zaiser and J. T. Moyer. (伊豆諸島三宅島伊ヶ谷湾)

Remarks: A paratype ZUMT 54586 cloth tag has been preserved. This specimen has not reached ZUMT. The original number for paratype ZUMT 54586 is TMBS 830713-6 (Dr. Ronald Fricke, Prec. Comm). Some of the TMBS type specimens have been transferred to the National Museum of Nature and Science, but they are not included there either (Moyer and Matsuura 1991). This paratype is thought to have been stored in TMBS, and the 2000 eruption of Miyakejima (Mt. Oyama) devastated the Ako district. Specimens with TMBS were judged to have died out.

パラタイプの ZUMT 54586 の布タグが保管されている。この標本は ZUMT には届いていない。パラタイプ ZUMT 54586 の元番号は、TMBS 830713-6 である (Dr. Ronald Fricke, 私信)。TMBS のタイプ標本の一部は、国立科学博物館に移管されたが、その中にも含まれていない (Moyer and Matsuura 1991)。このパラタイ

プは TMBS に保管されていたと思われ、その後 2000 年の三宅島(雄山)の噴火災害により阿古地区は壊滅的な被害を受けた。TMBS のあった標本は、火災消失したと判断した。

Current status: Valid as *Neosynchiropus moyeri* (Zaiser & Fricke, 1985) ミヤケテグリ

Moyer, J. T and Matsuura, K. 1991. Notes on the transfer of the TMBS fish paratypes to the National Science Museum, Tokyo. Japanese Journal Ichthyology, 38(1): 82-83.

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)]

Fricke, R. 2002. Annotated checklist of the dragonet families Callionymidae and Draconettidae (Teleostei: Callionymoidei), with comments on callionymid fish classification. Stuttgarter Beiträge zur Naturkunde. Serie A (Biologie). 645: 1-103.

Fricke, R. 2016. *Synchiropus novaehiberniensis*, a new species of dragonet from New Ireland, Papua New Guinea, western Pacific Ocean, with a review of subgenus *Synchiropus* (*Neosynchiropus*) and description of a new subgenus (Teleostei: Callionymidae). Journal of Natural History, 80 (3): 305-320.

岩坪洗樹・本村浩之. 2010. 鹿児島県から得られたミヤケテグリ *Neosynchiropus moyeri* (ネズツポ科: コウワンテグリ属) および標本に基づく鹿児島県のネズツポ科魚類相. Kagoshima. Nature of Kagoshima, 36: 65-73. [Iwatsubo, H. and Motomura, H. 2010. A first record of *Neosynchiropus moyeri* (Perciformes: Callionymidae) from Kagoshima Prefecture, southern Japan and a synopsis of dragonets in Kagoshima. Nature of Kagoshima, 36: 65-73. (In Japanese)]