

**AN ANNOTATED CHECKLIST OF MARINE AND FRESHWATER FISHES OF  
KIKAI ISLAND IN THE AMAMI ISLANDS, KAGOSHIMA,  
SOUTHERN JAPAN, WITH 259 NEW RECORDS**

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Cover photograph: A school of *Lutjanus kasmira* (Lutjanidae) off Kikai Island. Photo by J. Yoda

Back cover photograph: A school of *Chromis viridis* (Pomacentridae) off Kikai Island. Photo by M. Matsuoka

# An annotated checklist of marine and freshwater fishes of Kikai Island in the Amami Islands, Kagoshima, southern Japan, with 259 new records

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**Abstract** An annotated checklist of marine and freshwater fishes of Kikai Island, Amami Islands, Kagoshima Prefecture, southern Japan, was compiled from specimen and literature surveys. A total of 530 species (255 genera and 85 families), including 259 species recorded reliably for the first time on the basis of collected specimens and/or underwater photographs, are listed with literature citations, institution registration numbers, size, island localities, and (in some cases) remarks. Two of the newly recorded species from Kikai Island [*Valenciennea sexguttata* (Gobiidae) and *Paramonacanthus oblongus* (Monacanthidae)] also represent the first records from the Amami Islands. Preliminary comparisons of the island ichthyofauna with those of 16 other localities in Japan show the former to be similar to that of Tokunoshima island in the Amami Islands.

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## Introduction

Kikai Island, a boot-shaped island of area ca. 57 km<sup>2</sup> and a highest point of 214 m above sea level, is the fifth largest island of the Amami Islands group, located approximately midway down the Ryukyu Archipelago, southern Japan (Fig. 1). The coastline extends for ca. 49 km, with well-developed rocky reefs.

Since comprehensive ichthyofaunal surveys of Kikai Island had not been previously undertaken, although a five-person mid-level survey had been conducted in May 2015, a major “Kikai Expedition” to study the island’s ichthyofauna took place in November 2019, involving 17 personnel from the Kagoshima University Museum and Kindai University. This was followed by a second mid-level expedition to the island in October 2020. In total, ca. 2,900 marine and freshwater fish specimens were collected during these expeditions. In addition, 96 specimens, collected from Kikai Island in May 1954, July 1960, and July/August 1976, and found in the Faculty of Fisheries, Kagoshima University, were registered into the Kagoshima University Museum fish collection and incorporated into this study.

Examination of the above-mentioned specimens, published literature, and unpublished underwater photographs taken at Kikai Island confirmed 530 species of marine and freshwater fishes, including 259 new records, from the island. All species are listed below. The ichthyofauna of Kikai Island is briefly compared with that of other islands in the Ryukyu, Osumi, and Ogasawara islands, and several localities along the Pacific coast of southern Japan.

## Material and methods

Sampling methods were described and illustrated in Motomura & Matsuura (2010, 2014). Curatorial procedures for newly-collected specimens followed Motomura & Ishikawa (2013). Standard and total lengths are abbreviated as SL and TL, respectively. The systematic arrangement of families generally follows Nelson (2006), with scientific names generally following Fricke et al. (2020) and Motomura (2020), with some modifications following recent taxonomic studies (both published and unpublished). Within families, species are arranged by alphabetical order of scientific name. Standard Japanese names transliterated using the Hepburn system follow Motomura (2020). Each species record was compiled from voucher specimens, underwater photographs, and/or published literature records. Registration number, number of specimens registered (if more than one), mm (SL or TL), and locality on Kikai Island (Fig. 2) are included in each species record. Because Kikai Island has only one town (Kikai), the localities of marine and freshwater fishes are indicated only by the local area name. All freshwater fishes were collected from small ponds and/or streams. Locality is restricted to “Kikai Island” for fish(es) collected well off the island or if the precise locality on the island is unknown.

Institutional codes used in this paper are as follows: BSKU (Laboratory of Marine Biology, Faculty of Science, Kochi University, Kochi, Japan), KAUM (Kagoshima University Museum, Kagoshima, Japan), KPM (Kanagawa Prefectural Museum of Natural History, Kanagawa, Japan), KMNH (Kitakyushu Museum of Natural History and Human History, Fukuoka, Japan), KUN (Kindai University, Nara, Japan), SMBL (Kyoto University Seto Marine Biological Laboratory, Wakayama, Japan), and YCM (Yokosuka City Museum, Kanagawa, Japan).

## Remarks

The freshwater fish diversity of Kikai Island is poor, being restricted to small ponds and streams. All freshwater fish species on the island are introduced, except for *Misgurnus anguillicaudatus* (Cantor, 1842) (Cobitidae) (currently considered to be an undescribed species, *Misgurnus* sp. IR) and *Oryzias latipes* (Temminck & Schlegel, 1846) (Adrianichthyidae) [e.g., two poeciliids, *Gambusia affinis affinis* (Baird & Girard, 1853) and *Poecilia reticulata* Peters, 1859, and the cichlid *Oreochromis niloticus* (Linnaeus, 1758)] (Nakajima et al., 2020; this study). Although Hayashi (1995) recorded three freshwater fishes [*Carassius* sp. (Cyprinidae), *M. anguillicaudatus*, and *O. latipes*], Kano et al. (2016) considered all three to have become extinct on the island. However, Nakajima et al. (2020) recently confirmed the existence of *Carassius* sp. (as

*C. langsdorffii*) on Kikai Island, in addition to recording *Carassius auratus* (Linnaeus, 1758), believing both to have likely been introduced. During the present study, several individuals of *O. latipes* were collected, but *M. anguillicaudatus* (= *Misgurnus* sp. IR) was not found.

In addition to the above-mentioned species, 12 fish species were confirmed from freshwater area on Kikai Island, as follows: *Anguilla japonica* Temminck & Schlegel, 1846, *Anguilla marmorata* Quoy & Gaimard, 1824 (Anguillidae), *Kuhlia mugil* (Forster, 1801), *Kuhlia rupestris* (Lacepède, 1802) (Kuhliidae), *Eleotris acanthopoma* Bleeker, 1853, *Eleotris fusca* (Bloch & Schneider, 1801), *Eleotris melanosoma* Bleeker, 1853 (Eleotridae), *Oligolepis acutipennis* (Valenciennes, 1837), *Rhinogobius brunneus* (Temminck & Schlegel, 1845), *Rhinogobius similis* Gill, 1859, *Stenogobius* sp., and *Trypauchenopsis intermedia* Volz, 1903 (Gobiidae).

Marine fishes from Kikai Island have been incompletely listed by Kamohara (1957) (129 species), Kamohara & Yamakawa (1965, 1968a, b) (59, 25, and 12 species, respectively), and Yamakawa (1969, 1971) (4 and 3 species respectively), identifying a total of 185 species, based mostly on unregistered specimens. However, although *Zenion japonicum* Kamohara, 1934 (Zeniidae), *Hippichthys (Parasyngnathus) penicillus* (Cantor, 1849) (as *Syngnathus argyrostictus*) (Syngnathidae), *Epinephelus trimaculatus* (Valenciennes, 1828) (as *Epinephelus fario*), *Epinephelus quoyanus* (Valenciennes, 1830) (as *Epinephelus merra megachir*) (Serranidae), *Branchiostegus albus* Dooley, 1978 (as *Branchiostegus argentatus*) (Branchiostegidae), *Dentex hypselosomus* Bleeker, 1854 (as *Taius tumifrons*) (Sparidae), *Aspasma ubauo* Fujiwara & Motomura, 2019 (as *Aspasma minima*), and *Aspasmichthys ciconiae* (Jordan & Fowler, 1902) (Gobiesocidae) were recorded from Kikai Island by Kamohara (1957) and Kamohara & Yamakawa (1965), those species do not usually occur in the Ryukyu Islands and the above records have been omitted here.

Six nominal species have been described on the basis of a primary type specimen from Kikai Island [*Aporops japonicus* Kamohara, 1957 (Serranidae), *Pseudochromis kikaii* Aoyagi, 1941, *Pseudochromis luteus* Aoyagi, 1943 (Pseudochromidae), *Cirrhitidea unimacula* Kamohara, 1957 (Cirrhitidae), *Salarias kikaiensis* Aoyagi, 1954 (Blenniidae), and *Mars nigrocellatus* Yanagisawa, 1978 (Gobiidae)]. Currently, three of the six are regarded as valid (*Pseudochromis luteus*, *Amblycirrhitus unimaculus*, and *Cryptocentrus nigrocellatus*).

The number of species in the top 10 most speciose families occurring at Kikai Island are shown in Table 1. Comparable data for 16 localities in southern Japan, including the Sagami Sea, Osezaki (Suruga Bay), Kushimoto (Kii Peninsula), Kashiwa Island (Shikoku), Iwo and Take islands (Osumi Islands), Yaku Island (Osumi Islands), Amami-oshima Island (Amami Islands), Tokunoshima Island (Amami Islands), Okinoerabu Island (Amami Islands), Yoron Island (Amami Islands), Okinawa Island (Okinawa Islands), Ie Island (Okinawa Islands), the Miyako Islands, Ishigaki Island (Yaeyama Islands), Iriomote Island (Yaeyama Islands), and the Ogasawara Islands, were included in Motomura (2016: tables 1, 2), Nakae et al. (2018: table 2), Mochida & Motomura (2018: table 1), and Motomura & Uehara (2020: table 1). The three most speciose families at all localities [except the Sagami Sea, Osezaki (Suruga Bay), and the Ogasawara Islands], are Gobiidae, Pomacentridae, and Labridae, with Serranidae replacing Pomacentridae and occupying third most speciose position at the above exceptions (Motomura, 2016). Although within the Amami Islands group, Kikai Island is geographically located close to Amami-oshima Island, the ichthyofauna of Kikai Island is closer to those of Tokunoshima, Okinoerabu, and Yoron islands than Amami-oshima Island (Table 1; Motomura, 2016; Mochida & Motomura, 2018; Motomura & Uehara, 2020). This is because Amami-oshima

Table 1. Number of species in the top 10 most speciose families at Kikai Island.

Family	No. of species	% in total
Gobiidae	63	11.9
Pomacentridae	48	9.1
Labridae	45	8.5
Blenniidae	33	6.2
Apogonidae	23	4.3
Serranidae	19	3.6
Scorpaenidae	18	3.4
Lutjanidae	17	3.2
Chaetodontidae	16	3.0
Acanthuridae	16	3.0
Other families	232	43.8
Total	530	100.0

Island is the largest island (12.5 times larger than Kikai Island) in the Amami Islands and has various environments such as mangroves and large rivers compared with other islands only with mostly coral or rocky reefs. The top 10 most speciose families, and percentage proportion of species in each family to total number of species at Kikai Island are very similar to those of Tokunoshima Island (Table 1; Mochida & Motomura, 2018: table 1), the only difference between Kikai and Tokunoshima islands involving the family Lutjanidae (17 species), which is ranked as 10th most speciose family at Kikai Island, but is not so well represented at Tokunoshima Island [being replaced by the families Syngnathidae (13 species) and Balistidae (13 species)] (Mochida & Motomura, 2018: table 1). At Kikai Island, Syngnathidae (9 species) and Balistidae (10 species) are ranked as 16th and 15th most speciose families, respectively. The ichthyofaunal similarity between Kikai and Tokunoshima islands is likely due to their geographical close distance (Kikai Island is the closet to Tokunoshima Island in above-mentioned islands, except for Amami-oshima Island).

### List of fishes from Kikai Island

#### ORDER ELOPIFORMES

##### FAMILY MEGALOPIDAE

###### *Megalops cyprinoides* (Broussonet, 1782)

[Jpn name: Isegoi]

KAUM-I. 134577, 32.4 mm SL, Shitooke.

#### ORDER ANGUILLIFORMES

##### FAMILY ANGUILLIDAE

###### *Anguilla japonica* Temminck & Schlegel, 1846

[Jpn name: Nihon-unagi]

KAUM-I. 7633, 87.2 mm TL, Urahara; KAUM-I. 8148, 48.0 mm TL, Urahara; KAUM-I. 134971, 166.6 mm TL, Wan.

###### *Anguilla marmorata* Quoy & Gaimard, 1824

[Jpn name: Ounagi]

KAUM-I. 8407, 113.4 mm TL, Urahara; KAUM-I. 134585, 94.4 mm TL, KAUM-I. 134586, 67.0 mm TL, Shitooke; KAUM-I. 134952, 489.4 mm TL, Shiomichi; KAUM-I. 134960, 51.2 mm TL, Shiramizu; KAUM-I. 136794, 417.0 mm TL, Isaneku.

##### FAMILY MORINGUIDAE

###### *Moringua microchir* Bleeker, 1853

[Jpn name: Hariganeumihebi]

Yamakawa (1971, as *Moringua abbreviatus*): 1 unregistered specimen, 267 mm TL, Kikai Island.

##### FAMILY CHLOPSIDAE

###### *Kaupichthys atronasus* Schultz, 1953

[Jpn name: Kurohigeiwaanago]

Hatooka (2013a): Kikai Island.

Remarks: In Japanese waters, this species has been recorded only from Kikai Island (Hatooka, 2013a).

##### FAMILY MURAENIDAE

###### *Echidna nebulosa* (Ahl, 1789)

[Jpn name: Kumoutsubo]

Kamohara (1957): 3 unregistered specimens, 160–173 mm TL, Wan; 1 unregistered specimen, 257 mm TL, Somachi. Kamohara & Yamakawa (1965): 4 unregistered specimens, 136–300 mm TL, Tekuzuku. This study: KAUM-I. 4565, 95.9 mm TL, KAUM-I. 4566, 97.4 mm TL, Kikai Island; KAUM-I. 135130, 269.9 mm TL, Araki; KAUM-I. 135138, 250.9 mm TL, Shiomichi.

***Echidna polyzona* (Richardson, 1845)**

[Jpn name: Shimaarashiutsubo]

KAUM-I. 134794, 136.8 mm TL, Keraji.

***Enchelycore lichenosa* (Jordan & Snyder, 1901)**

[Jpn name: Kokeutsubo]

Kamohara & Yamakawa (1965, as *Aemasia lichenosa*): 1 unregistered specimen, 190 mm TL, Somachi.***Enchelycore pardalis* (Temminck & Schlegel, 1846)**

[Jpn name: Torautsubo]

Kamohara & Yamakawa (1965, as *Muraena pardalis*): 1 unregistered specimen, 135 mm TL, Somachi.***Gymnomuraena zebra* (Shaw, 1797)**

[Jpn name: Zeburautsubo]

Kamohara (1957, as *Arndha zebra*): 2 unregistered specimens, 146–150 mm TL, Onotsu; 1 unregistered specimen, 188 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Echidna zebra*): 1 unregistered specimen, 170 mm TL, Araki.***Gymnothorax enigmaticus* McCosker & Randall, 1982**

[Jpn name: Shimautsubo]

KAUM-I. 4567, 95.7 mm TL, Kikai Island.

***Gymnothorax fimbriatus* (Bennett, 1832)**

[Jpn name: Herigoishiutsubo]

Kamohara &amp; Yamakawa (1965): 2 unregistered specimens, 182–267 mm TL, Tekuzuku. This study: KAUM-I. 2382, 104.1 mm TL, Kikai Island; KAUM-I. 134836, 476.0 mm TL, KAUM-I. 136714, 189.4 mm TL, KAUM-I. 138112, 348.3 mm TL, KAUM-I. 138113, 211.3 mm TL, KAUM-I. 138114, 199.3 mm TL, KAUM-I. 138115, 168.1 mm TL, Shiomichi.

***Gymnothorax flavimarginatus* (Rüppell, 1830)**

[Jpn name: Gomautsubo]

Kamohara (1957): 4 unregistered specimens, 160–365 mm TL, Onotsu; 2 unregistered specimens, 275–280 mm TL, Somachi. Kamohara &amp; Yamakawa (1968a): 1 unregistered specimen, ca. 340+ mm TL, Kikai Island. This study: KAUM-I. 1983, 87.1 mm TL, KAUM-I. 14743, 114.0 mm TL, Kikai Island; KAUM-I. 134999, 174.7 mm TL, Nakaguma; KUN-P 55739, 240.4 mm TL, Aden.

***Gymnothorax meleagris* (Shaw, 1795)**

[Jpn name: Wakautsubo]

Kamohara & Yamakawa (1965, as *Gymnothorax leucostictus*): 1 unregistered specimen, 118 mm TL, Somachi. Hibino (2018a): KAUM-I. 72514, 474.8 mm TL, Akaren. Hibino (2019a): KAUM-I. 72514, 474.8 mm TL, Akaren. This study: KAUM-I. 72514, 474.8 mm TL, Akaren; KAUM-I. 136795, 356.4 mm TL, Somachi.***Gymnothorax pictus* (Ahl, 1789)**

[Jpn name: Aseutsubo]

Kamohara (1957): 1 unregistered specimen, 760 mm TL, Wan; 1 unregistered specimen, 740 mm TL, Onotsu. This study: KAUM-I. 134645, 725.9 mm TL, Akaren; KAUM-I. 136796, 923.0 mm TL, Somachi; KAUM-I. 146849, 773.0 mm TL, Sakamine; KAUM-I. 147643, 303.2 mm TL, Ikeji.

***Gymnothorax rueppellii* (McClelland, 1844)**

[Jpn name: Kurakakeutsubo]

Kamohara (1957, as *Gymnothorax petelli*): 1 unregistered specimen, 72 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Gymnothorax petelli*): 1 unregistered specimen, 100 mm TL, Araki; 3 unregistered specimens, 97–508 mm TL, Somachi.

***Gymnothorax thyrsoideus* (Richardson, 1845)**

[Jpn name: Sabiutsubo]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 75 mm TL, Tekuzuku; 1 unregistered specimen, 240 mm TL, Somachi. This study: KAUM-I. 14742, 159.9 mm TL, Kikai Island; KAUM-I. 135137, 299.4 mm TL, Shiomichi.

***Gymnothorax undulatus* (Lacepède, 1803)**

[Jpn name: Namiutsubo]

Kamohara (1957): 3 unregistered specimens, 205–530 mm TL, Onotsu. Kamohara & Yamakawa (1965): 1 unregistered specimen, 195 mm TL, Araki.

***Uropterygius micropterus* (Bleeker, 1852)**

[Jpn name: Amikikaiutsubo]

KAUM-I. 135136, 242.9 mm TL, KAUM-I. 135139, 36.8 mm TL, Shiomichi.

**FAMILY OPHICHTHIDAE**

***Leiuranus semicinctus* (Lay & Bennett, 1839)**

[Jpn name: Soraumihebi]

Kamohara (1957): 1 unregistered specimen, 190 mm TL, Wan; 2 unregistered specimens, 198–360 mm TL, Somachi; 1 unregistered specimen, 408 mm TL (as *Sphagebranchus cinctus*), Somachi. Kamohara & Yamakawa (1965): 2 unregistered specimens, 190–240 mm TL, Somachi. Hatooka (2013b): Kikai Island.

***Myrichthys colubrinus* (Boddaert, 1781)**

[Jpn name: Shimaumihebi]

KAUM-I. 147626, 325.2 mm TL, Kamikatetsu.

***Myrichthys maculosus* (Cuvier, 1816)**

[Jpn name: Moyomongaradoshi]

Kamohara (1957): 4 unregistered specimens, 125–545 mm TL, Wan; 3 unregistered specimens, 235–410 mm TL, Somachi. Kamohara & Yamakawa (1965): 1 unregistered specimen, 275 mm TL, Somachi. Hata et al. (2015a): KAUM-I. 1982, 169.8 mm TL, Kikai Island. Hibino (2018b): KAUM-I. 1982, 169.8 mm TL, Kikai Island. Hibino (2019b): KAUM-I. 1982, 169.8 mm TL, Kikai Island. This study: KAUM-I. 1982, 169.8 mm TL, Kikai Island; KAUM-I. 134705, 460.3 mm TL, KUN-P 55685, 376.0 mm TL, Shiomichi.

***Scolecenchelys gymnota* (Bleeker, 1857)**

[Jpn name: Mimizuanago]

Kamohara (1957, as *Muraenichthys gymnotus*): 1 unregistered specimen, 230 mm TL, Wan. Kamohara & Yamakawa (1965, as *Muraenichthys gymnotus*): 1 unregistered specimen, 122 mm TL, Somachi.

***Scolecenchelys laticaudata* (Ogilby, 1897)**

[Jpn name: Futomimizuanago]

Hibino et al. (2013): BSKU 5498, 223 mm TL, Wan; KAUM-I. 2381, 152.1 mm TL, Kikai Island. Hibino & Kimura (2015): BSKU 5498, 223 mm TL, Wan; KAUM-I. 2381, 152.1 mm TL, Kikai Island. Hibino (2018b): KAUM-I. 2381, 152.1 mm TL, Kikai Island. Hibino (2019b): KAUM-I. 2381, 152.1 mm TL, Kikai Island. This study: KAUM-I. 2381, 152.1 mm TL, Kikai Island.



**FAMILY CONGRIDAE*****Conger cinereus* Rüppell, 1871**

[Jpn name: Kirianago]

Kamohara & Yamakawa (1965): 2 unregistered specimens, 386–435 mm TL, Somachi. This study: KAUM–I. 135025, 744.0 mm TL, Shiomichi.

***Conger jordani* Kanazawa, 1958**

[Jpn name: Kuroanago]

KUN-P 55736, 68.4 mm TL, Aden.

***Conger myriaster* (Brevoort, 1856)**

[Jpn name: Maanago]

Kamohara & Yamakawa (1968a): 1 unregistered specimen, 117 mm TL, Kikai Island. Hatooka (2013c): Kikai Island.

**ORDER CLUPEIFORMES****FAMILY ENGRAULIDAE*****Encrasicholina* sp. (unidentified)**

[Jpn name: N/A]

KAUM–I. 146639, 12.8 mm SL, Kamikatetsu.

**ORDER CYPRINIFORMES****FAMILY CYPRINIDAE*****Carassius auratus* (Linnaeus, 1758)**

[Jpn name: Kingyo]

Nakajima et al. (2020): KMNH VR 100259, 61.5 mm SL, Urahara.

***Carassius* sp.**

[Jpn name: Ginbuna]

Hayashi (1955): YCM-P 31033, 3 specimens, 40.5–51.3 mm SL, Araki. Matsunuma (2018a): KPM-NI 21069, 40.5 mm SL, KPM-NI 21070, 41.7 mm SL, Kikai Island. Matsunuma (2019a): KPM-NI 21070, 41.7 mm SL, Kikai Island. Nakajima et al. (2020, as *Carassius langsdorffi*): KMNH VR 100258, 65.1 mm SL, Urahara.

**FAMILY COBITIDAE*****Misgurnus* sp. IR**

[Jpn name: Shinobidojo]

Hayashi (1955, as *Misgurnus anguillicaudatus*): YCM-P 31002, 78.5 mm SL, Araki.

**ORDER SILURIFORMES****FAMILY PLOTOSIDAE*****Plotosus japonicus* Yoshino & Kishimoto, 2008**

[Jpn name: Gonzui]

KAUM–I. 72336, 17.6 mm SL, KAUM–I. 72337, 17.8 mm SL, Onotsu; KAUM–I. 134650, 69.1 mm SL, KAUM–I. 134651, 73.4 mm SL, KAUM–I. 134652, 83.9 mm SL, Nakasato.

**ORDER AULOPIIFORMES****FAMILY SYNODONTIDAE*****Saurida gracilis* (Quoy & Gaimard, 1824)**

[Jpn name: Madaraeso]

Kamohara (1957): 1 unregistered specimen, 207 mm TL, Somachi; 2 unregistered specimens, 90–119 mm TL, Wan. Kamohara & Yamakawa (1968a): 2 unregistered specimens, 127–180 mm TL, Kikai Island. This study: KAUM–I. 134528, 107.0 mm SL, KAUM–I. 134529, 89.0 mm SL, KAUM–I. 134718, 103.7 mm SL, Akaren; KAUM–I. 134677, 127.6 mm SL, KAUM–I. 134687, 44.7 mm SL, Shiomichi; KAUM–I. 146714, 69.8 mm SL, Kamikatetsu; KUN-P 55681, 97.6 mm SL, Onotsu.

***Synodus dermatogenys* Fowler, 1912**

[Jpn name: Minamiakaeso]

KAUM–I. 134713, 170.9 mm SL, KAUM–I. 134714, 152.1 mm SL, KUN-P 55655, 94.0 mm SL, KUN-P 55678, 160.2 mm SL, Nakasato; KAUM–I. 134719, 117.9 mm SL, Akaren.

***Synodus variegatus* (Lacepède, 1803)**

[Jpn name: Hitosujieso]

Kamohara (1957): 1 unregistered specimen, 232 mm TL, Wan. This study: KAUM–I. 146792, 104.4 mm SL, Akaren.

**ORDER OPHIDIIFORMES**

**FAMILY CARAPIDAE**

***Encheliophis vermicularis* Müller, 1842**

[Jpn name: Amamikakureuo]

Kamohara & Yamakawa (1965): 3 unregistered specimens, 83–113 mm TL, Wan.

**FAMILY DINEMATICHTHYIDAE**

***Alionematichthys* sp. (unidentified)**

[Jpn name: N/A]

KAUM–I. 146625, 49.6 mm SL, Kamikatetsu.

***Diancistrus fuscus* (Fowler, 1946)**

[Jpn name: Sangoitachiuo]

Kamohara & Yamakawa (1965, as *Brotulina fusca*): 7 unregistered specimens, 27–108 mm TL, Somachi.

**ORDER LOPHIIFORMES**

**FAMILY ANTENNARIIDAE**

***Antennarius randalli* Allen, 1970**

[Jpn name: Himehiratakaeruanko]

Yoshida & Motomura (2016): KAUM–I. 72320, 12.3 mm SL, Shiomichi. Senou (2018): KAUM–I. 72320, 12.3 mm SL, Shiomichi. Senou (2019): KAUM–I. 72320, 12.3 mm SL, Shiomichi. This study: KAUM–I. 72320, 12.3 mm SL, Shiomichi.

***Antennarius striatus* (Shaw, 1794)**

[Jpn name: Kaeruanko]

Kamohara (1957, as *Antennarius tridens*): 4 unregistered specimens, 22–45 mm TL, Wan. Senou (2013a): Kikai Island.

***Histrionotus histrio* (Linnaeus, 1758)**

[Jpn name: Hanaokoze]

Kamohara & Yamakawa (1968b, as *Histrionotus histrio histrio*): 1 unregistered specimen, 17 mm TL, Kikai Island.

**ORDER BERYCIFORMES****FAMILY HOLOCENTRIDAE*****Myripristis berndti* Jordan & Evermann, 1903**

[Jpn name: Akamatsukasa]

KAUM-I. 72322, 97.2 mm SL, KAUM-I. 135163, 114.7 mm SL, KAUM-I. 136732, 80.4 mm SL, Akaren;  
KAUM-I. 146821, 92.2 mm SL, KAUM-I. 146845, 121.9 mm SL, Somachi.

***Myripristis greenfieldi* Randall & Yamakawa, 1996**

[Jpn name: Tsumarimatsukasa]

KAUM-I. 134558, 85.5 mm SL, KAUM-I. 134559, 67.9 mm SL, KAUM-I. 134560, 49.9 mm SL, KAUM-I.  
134561, 49.8 mm SL, KAUM-I. 146779, 95.4 mm SL, KAUM-I. 146780, 110.9 mm SL, KAUM-I.  
146781, 82.0 mm SL, KAUM-I. 146847, 81.1 mm SL, KAUM-I. 146848, 77.3 mm SL, KUN-P 55660, 76.8  
mm SL, KUN-P 55670, 57.5 mm SL, Akaren; KUN-P 55716, 37.7 mm SL, KUN-P 55775, 45.9 mm SL, So-  
machi.

***Myripristis kuntee* Valenciennes, 1831**

[Jpn name: Kurobimatsukasa]

KAUM-I. 134555, 76.0 mm SL, KAUM-I. 146778, 85.5 mm SL, Akaren; KAUM-I. 146846, 85.5 mm SL,  
Somachi.

***Myripristis murdjan* (Forsskål, 1775)**

[Jpn name: Yogorematsukasa]

KAUM-I. 72515, 102.4 mm SL, KAUM-I. 134556, 95.8 mm SL, KAUM-I. 134557, 69.1 mm SL, Akaren;  
KAUM-I. 136724, 43.6 mm SL, Shiomichi.

***Neoniphon sammara* (Forsskål, 1775)**

[Jpn name: Ukeguchiittodai]

KAUM-I. 15175, 102.4 mm SL, KAUM-I. 15204, 100.0 mm SL, KAUM-I. 15231, 86.3 mm SL, Kikai Is-  
land; KAUM-I. 134683, 35.9 mm SL, Shiomichi; KAUM-I. 146559, 54.7 mm SL, KAUM-I. 146748, 54.0  
mm SL, Keraji; KAUM-I. 146761, 57.9 mm SL, Tekuzuku.

***Ostichthys kaianus* (Günther, 1880)**

[Jpn name: Kaiebisu]

Nakae (2018): KAUM-I. 68646, 242.7 mm SL, Kikai Island. Nakae (2019): KAUM-I. 68646, 242.7 mm  
SL, Kikai Island. This study: KAUM-I. 68646, 242.7 mm SL, Kikai Island.

***Sargocentron diadema* (Lacepède, 1802)**

[Jpn name: Nijiebisu]

Kamohara (1957, as *Holocentrus diadema*): 1 unregistered specimen, 80 mm TL, Somachi.

***Sargocentron ittodai* (Jordan & Fowler, 1902)**

[Jpn name: Teriebisu]

KAUM-I. 8108, 81.4 mm SL, Urahara; KAUM-I. 15213, 92.9 mm SL, KAUM-I. 15234, 74.1 mm SL,  
KAUM-I. 15237, 92.0 mm SL, KAUM-I. 15256, 50.3 mm SL, Kikai Island; KAUM-I. 72310, 106.8 mm  
SL, KAUM-I. 136702, 92.8 mm SL, Shiomichi; KAUM-I. 72516, 112.5 mm SL, KAUM-I. 72517, 112.3  
mm SL, KAUM-I. 72518, 98.4 mm SL, KAUM-I. 72519, 91.4 mm SL, KAUM-I. 134554, 64.8 mm SL,  
KAUM-I. 136731, 114.9 mm SL, KAUM-I. 146803, 98.5 mm SL, Akaren; KAUM-I. 134798, 56.6 mm SL,  
KAUM-I. 147642, 91.1 mm SL, Keraji; KAUM-I. 146509, 60.6 mm SL, Onotsu; KAUM-I. 146822, 90.2  
mm SL, Somachi.

***Sargocentron praslin* (Lacepède, 1802)**

[Jpn name: Kurobiebisu]

KAUM-I. 134682, 33.7 mm SL, KAUM-I. 136703, 82.7 mm SL, Shiomichi; KAUM-I. 146266, 30.7 mm SL, Ikeji.

***Sargocentron punctatissimum* (Cuvier, 1829)**

[Jpn name: Hoshiebisu]

KAUM-I. 8113, 83.3 mm SL, Urahara; KAUM-I. 15214, 74.2 mm SL, KAUM-I. 15263, 46.6 mm SL, Kikai Island; KAUM-I. 135171, 115.3 mm SL, KAUM-I. 136721, 60.2 mm SL, KAUM-I. 136722, 56.7 mm SL, KAUM-I. 136723, 41.7 mm SL, KAUM-I. 136996, 123.2 mm SL, Shiomichi; KAUM-I. 146263, 94.9 mm SL, Ikeji; KUN-P 55714, 45.5 mm SL, KUN-P 55715, 64.0 mm SL, KUN-P 55725, 44.3 mm SL, Somachi.

**ORDER GASTEROSTEIFORMES****FAMILY CENTRISCIDAE*****Aeoliscus strigatus* (Günther, 1861)**

[Jpn name: Hekoayu]

KAUM-I. 134840, 125.5 mm SL, KAUM-I. 134841, 130.8 mm SL, KAUM-I. 134842, 129.9 mm SL, KAUM-I. 134843, 129.4 mm SL, KAUM-I. 134844, 132.0 mm SL, KAUM-I. 134845, 135.4 mm SL, KAUM-I. 134846, 130.1 mm SL, KUN-P 55727, 134.5 mm SL, KUN-P 55727, 134.5 mm SL, KUN-P 55727, 134.5 mm SL, KUN-P 55728, 105.5 mm SL, KUN-P 55729, 131.3 mm SL, KUN-P 55730, 129.8 mm SL, KUN-P 55731, 63.4 mm SL, KUN-P 55732, 139.7 mm SL, KUN-P 55767, 131.3 mm SL, KUN-P 55768, 138.5 mm SL, KUN-P 55769, 128.5 mm SL, KUN-P 55770, 125.6 mm SL, KUN-P 55771, 147.0 mm SL, KUN-P 56303, 126.5 mm SL, KUN-P 56304, 106.1 mm SL, KUN-P 56305, 117.5 mm SL, KUN-P 56306, 136.5 mm SL, KUN-P 56307, 139.8 mm SL, KUN-P 56308, 121.8 mm SL, KUN-P 56309, 135.1 mm SL, KUN-P 56311, 125.3 mm SL, KUN-P 56312, 94.2 mm SL, KUN-P 56313, 95.8 mm SL, KUN-P 56314, 129.6 mm SL, KUN-P 56315, 112.5 mm SL, KUN-P 56316, 112.7 mm SL, KUN-P 56317, 113.2 mm SL, KUN-P 56318, 119.4 mm SL, KUN-P 56319, 126.1 mm SL, KUN-P 56320, 133.6 mm SL, KUN-P 56321, 130.1 mm SL, KUN-P 56322, 94.9 mm SL, KUN-P 56323, 110.7 mm SL, KUN-P 56467, 115.9 mm SL, KUN-P 56468, 113.0 mm SL, KUN-P 56469, 94.8 mm SL, Somachi.

**FAMILY SYNGNATHIDAE*****Corythoichthys haematopterus* (Bleeker, 1851)**

[Jpn name: Ishiyoji]

KAUM-I. 134761, 174.1 mm SL, Keraji.

***Corythoichthys schultzi* Herald, 1953**

[Jpn name: Kuchinagaishiyoji]

KAUM-I. 146533, 77.8 mm SL, Shiomichi.

***Choeroichthys sculptus* (Günther, 1870)**

[Jpn name: Chigoyoji]

Kamohara (1957): 1 unregistered specimen, 66 mm TL, Wan. Kamohara &amp; Yamakawa (1965): 1 unregistered specimen, 65 mm TL, Araki.

***Doryrhamphus (Doryrhamphus) excisus excisus* Kaup, 1856**

[Jpn name: Hibashiyoji]

Kamohara (1957, as *Doryrhamphus melanopleura*): 1 unregistered specimen, 65 mm TL, Somachi; 4 unreg-

istered specimens, 48–65 mm TL, Wan. Kamohara & Yamakawa (1965, as *Doryrhamphus melanopleura*): 2 unregistered specimens, 48–53 mm TL, Tekuzuku; 3 unregistered specimens, 52–62 mm TL, Araki; 3 unregistered specimens, 51–58 mm SL, Somachi. Matsunuma (2018b): KAUM–I. 72317, 49.3 mm SL, Shiomichi. Matsunuma (2019b): KAUM–I. 72317, 49.3 mm SL, Shiomichi. This study: KAUM–I. 72317, 49.3 mm SL, Shiomichi; KAUM–I. 134613, 51.2 mm SL, Onotsu; KAUM–I. 146684, 33.0 mm SL, Araki; KAUM–I. 146757, 33.1 mm SL, KAUM–I. 146758, 24.2 mm SL, Keraji.

***Doryrhamphus (Dunckerocampus) dactyliophorus (Bleeker, 1853)***

[Jpn name: Kasumioiran-yoji]

KAUM–I. 146478, 105.5 mm SL, Tekuzuku.

***Halicampus brocki (Herald, 1953)***

[Jpn name: Nokogiriumiyakko]

KAUM–I. 134762, 88.8 mm SL, Keraji.

***Micrognathus andersonii (Bleeker, 1858)***

[Jpn name: Kammuriyoji]

KAUM–I. 146760, 51.0 mm SL, Keraji.

***Microphis (Oostethus) brachyurus brachyurus (Bleeker, 1854)***

[Jpn name: Tenguyoji]

KAUM–I. 7630, 127.0 mm SL, Urahara; KAUM–I. 135024, 101.3 mm SL, Shiramizu; KAUM–I. 135154, 84.5 mm SL, Shitooke.

***Phoxocampus belcheri (Kaup, 1856)***

[Jpn name: Boyoji]

KAUM–I. 134830, 55.7 mm SL, Nakasato; KAUM–I. 146727, 59.8 mm SL, Tekuzuku.

**ORDER MUGILIFORMES**

**FAMILY MUGILIDAE**

***Chelon lauvergii (Eydoux & Souleyet, 1850)***

[Jpn name: Sesujibora]

Kamohara (1957, as *Liza carinata*): many unregistered specimens, 68–180 mm TL, Kikai Island (including Amami-oshima Island).

***Chelon macrolepis (Smith, 1846)***

[Jpn name: Kobora]

KAUM–I. 134508, 52.8 mm SL, KAUM–I. 134509, 58.1 mm SL, KAUM–I. 134510, 51.3 mm SL, KAUM–I. 134511, 60.7 mm SL, Akaren; KAUM–I. 134570, 100.9 mm SL, Shitooke; KUN-P 55709, 110.0 mm SL, KUN-P 55713, 72.8 mm SL, Somachi; KUN-P 55790, 130.6 mm SL, Tekuzuku.

***Crenimugil crenilabis (Forsskål, 1775)***

[Jpn name: Furaibora]

Kamohara & Yamakawa (1965): many unregistered specimens, 83–155 mm TL, Somachi. This study: KUN-P 55721, 38.4 mm SL, KUN-P 55722, 24.2 mm SL, KUN-P 55726, 28.3 mm SL, Somachi.

***Crenimugil seheli (Forsskål, 1775)***

[Jpn name: Taiwammenada]

KAUM-I. 134500, 32.3 mm SL, KAUM-I. 134501, 32.2 mm SL, KAUM-I. 134502, 30.6 mm SL, KAUM-I. 134503, 34.0 mm SL, KAUM-I. 134516, 30.8 mm SL, KAUM-I. 134517, 30.4 mm SL, KAUM-I. 134518, 28.8 mm SL, KAUM-I. 134519, 30.4 mm SL, KAUM-I. 134520, 28.5 mm SL, Akaren; KAUM-I. 135160, 30.8 mm SL, KAUM-I. 135161, 30.3 mm SL, Shitooke; KAUM-I. 136727, 32.1 mm SL, Shiomi-chi.

***Ellochelon vaigiensis* (Quoy & Gaimard, 1825)**

[Jpn name: Onibora]

KAUM-I. 134505, 27.9 mm SL, KAUM-I. 134506, 26.6 mm SL, KAUM-I. 134507, 29.2 mm SL, KAUM-I. 134521, 22.4 mm SL, KAUM-I. 134522, 24.8 mm SL, KAUM-I. 134523, 22.7 mm SL, KAUM-I. 134524, 26.7 mm SL, Akaren; KAUM-I. 134674, 97.4 mm SL, Shiomichi; KUN-P 55723, 23.4 mm SL, KUN-P 55724, 39.6 mm SL, Somachi.

***Mugil cephalus cephalus* Linnaeus, 1758**

[Jpn name: Bora]

Kamohara (1957, as *Mugil cephalus*): many unregistered specimens, 90–155 mm TL, Kikai Island (including Amami-oshima Island). Kamohara & Yamakawa (1968a, as *Mugil cephalus*): 5 unregistered specimens, 45–50 mm TL, Kikai Island. This study: KAUM-I. 135156, 22.4 mm SL, KAUM-I. 135157, 24.4 mm SL, KAUM-I. 135158, 21.0 mm SL, Shitooke.

***Plicomugil labiosus* (Valenciennes, 1836)**

[Jpn name: Waniguchibora]

KAUM-I. 134504, 22.5 mm SL, KAUM-I. 134512, 26.4 mm SL, KAUM-I. 134513, 24.2 mm SL, KAUM-I. 134514, 25.0 mm SL, KAUM-I. 134515, 27.3 mm SL, Akaren; KAUM-I. 146574, 60.5 mm SL, KAUM-I. 146575, 26.4 mm SL, Somachi.

**ORDER ATHERINIFORMES**

**FAMILY ATHERINIDAE**

***Hypoatherina lunata* Sasaki & Kimura, 2012**

[Jpn name: Okinawatogoro]

KAUM-I. 134689, 68.8 mm SL, KAUM-I. 136728, 25.8 mm SL, Shiomichi.

**FAMILY NOTOCHEIRIDAE**

***Iso flosmaris* Jordan & Starks, 1901**

[Jpn name: Naminohana]

Kamohara & Yamakawa (1968b): 11 unregistered specimens, 25–36 mm TL, Kikai Island. Senou (2013b): Kikai Island.

**ORDER CYPRINODONTIFORMES**

**FAMILY POECILIIDAE**

***Gambusia affinis affinis* (Baird & Girard, 1853)**

[Jpn name: Kadayashi]

Nakajima et al. (2020, as *Gambusia affinis*): Urahara.

***Poecilia reticulata* Peters, 1859**

[Jpn name: Guppi]

KAUM-I. 4213, 2 specimens, 7.5–17.9 mm SL, KAUM-I. 4215, 40.5 mm SL, KAUM-I. 4216, 27.3 mm SL, KAUM-I. 4217, 32.3 mm SL, KAUM-I. 4218, 25.6 mm SL, KAUM-I. 4219, 25.7 mm SL, KAUM-I. 4220, 14.6 mm SL, KAUM-I. 4221, 15.5 mm SL, KAUM-I. 4222, 16.4 mm SL, KAUM-I. 8146, 31.4



mm SL, KUN-P 56450, 13.6 mm SL, KUN-P 56451, 14.9 mm SL, KUN-P 56452, 15.8 mm SL, KUN-P 56453, 12.6 mm SL, KUN-P 56454, 16.5 mm SL, KUN-P 56455, 12.6 mm SL, KUN-P 56456, 8.0 mm SL, KUN-P 56457, 13.9 mm SL, KUN-P 56458, 15.7 mm SL, KUN-P 56459, 15.8 mm SL, KUN-P 56460, 14.9 mm SL, KUN-P 56461, 13.1 mm SL, KUN-P 56462, 12.3 mm SL, KUN-P 56463, 11.6 mm SL, KUN-P 56464, 11.2 mm SL, KUN-P 56465, 15.8 mm SL, KUN-P 56466, 13.2 mm SL, Isaneku.

## ORDER BELONIFORMES

### FAMILY ADRIANICHTHYIDAE

#### *Oryzias latipes* (Temminck & Schlegel, 1846)

[Jpn name: Minamimedaka]

Hayashi (1995): YCM-P 31004, 22 specimens, 22.8–32.9 mm SL, Araki. Senou (2013c): Kikai Island. This study: KAUM–I. 135140, 25.6 mm SL, KAUM–I. 135141, 26.4 mm SL, KAUM–I. 135142, 24.0 mm SL, KAUM–I. 135143, 24.6 mm SL, KAUM–I. 135144, 25.4 mm SL, KAUM–I. 135145, 25.6 mm SL, KAUM–I. 135146, 26.8 mm SL, KAUM–I. 135147, 26.3 mm SL, KAUM–I. 135148, 29.8 mm SL, KAUM–I. 135149, 28.1 mm SL, Shiomichi.

### FAMILY HEMIRAMPHIDAE

#### *Hyporhamphus dussumieri* (Valenciennes, 1847)

[Jpn name: Marusayori]

KAUM–I. 134678, 116.7 mm SL, KAUM–I. 136726, 63.4 mm SL, KAUM–I. 136995, 169.0 mm SL, KUN-P 55755, 78.1 mm SL, Shiomichi.

### FAMILY EXOCOETIDAE

#### *Cheilopogon agoo agoo* (Temminck & Schlegel, 1846)

[Jpn name: Tobiuo]

KAUM–I. 27153, 224.3 mm SL, Kikai Island.

### FAMILY BELONIDAE

#### *Tylosurusacus melanotus* (Bleeker, 1850)

[Jpn name: Tenjikudatsu]

Kamohara (1957): 1 unregistered specimen, 475 mm TL, Onotsu.

## ORDER SCORPAENIFORMES

### FAMILY SCORPAENIDAE

#### *Caracanthus maculatus* (Gray, 1831)

[Jpn name: Dangokoze]

KAUM–I. 146685, 31.4 mm SL, Araki.

#### *Caracanthus unipinna* (Gray, 1831)

[Jpn name: Watagedangokoze]

KAUM–I. 146468, 23.5 mm SL, KAUM–I. 146484, 25.8 mm SL, Tekuzuku.

#### *Dendrochirus zebra* (Cuvier, 1829)

[Jpn name: Kirimmino]

KAUM–I. 146600, 47.3 mm SL, Tekuzuku; KAUM–I. 146666, 25.5 mm SL, Araki.

#### *Parascorpaena mossambica* (Peters, 1855)

[Jpn name: Nettaifusakasago]

KAUM–I. 134608, 74.3 mm SL, Onotsu.



***Pterois radiata* Cuvier, 1829**

[Jpn name: Kimiokoze]

Kamohara (1957): 3 unregistered specimens, 43–80 mm TL, Wan. Kamohara & Yamakawa (1965): 1 unregistered specimen, 40 mm TL, Araki; 4 unregistered specimens, 48–84 mm SL, Somachi. This study: KAUM–I. 147641, 134.9 mm SL, Keraji.

***Pterois volitans* (Linnaeus, 1758)**

[Jpn name: Hanaminokasago]

Kamohara (1957): 1 unregistered specimen, 67 mm TL, Wan. This study: KAUM–I. 146265, 73.0 mm SL, Ikeji; KAUM–I. 146665, 57.5 mm SL, Araki; KAUM–I. 147622, 68.1 mm SL, Kamikatetsu.

***Scorpaenodes guamensis* (Quoy & Gaimard, 1824)**

[Jpn name: Guamukasago]

Motomura (2018): KAUM–I. 72333, 33.1 mm SL, Onotsu. Motomura (2019a): KAUM–I. 72333, 33.1 mm SL, Onotsu. This study: KAUM–I. 36034, 31.0 mm SL, KAUM–I. 36035, 19.2 mm SL, Akaren; KAUM–I. 72333, 33.1 mm SL, KAUM–I. 134609, 47.8 mm SL, Onotsu; KAUM–I. 134647, 45.4 mm SL, KAUM–I. 134825, 20.2 mm SL, Nakasato; KAUM–I. 134695, 49.8 mm SL, KAUM–I. 136700, 73.2 mm SL, KAUM–I. 136701, 64.7 mm SL, KAUM–I. 136713, 56.2 mm SL, Shiomichi; KAUM–I. 135031, 51.5 mm SL, KAUM–I. 135088, 27.6 mm SL, Araki; KAUM–I. 146259, 59.0 mm SL, KAUM–I. 146260, 28.4 mm SL, Ikeji; KAUM–I. 146632, 62.0 mm SL, Kamikatetsu; KUN-P 55717, 82.6 mm SL, Somachi.

***Scorpaenodes varipinnis* Smith, 1957**

[Jpn name: Seboshiisokasago]

Motomura (2018): KAUM–I. 72371, 39.1 mm SL, Keraji. Motomura (2019a): KAUM–I. 72371, 39.1 mm SL, Keraji. This study: KAUM–I. 72371, 39.1 mm SL, Keraji.

***Scorpaenopsis diabolus* (Cuvier, 1829)**

[Jpn name: Niraikasago]

KAUM–I. 134822, 169.8 mm SL, Nakasato.

***Scorpaenopsis neglecta* Heckel, 1839**

[Jpn name: Satsumakasago]

Kamohara (1957, as *Scorpaenopsis gibbosa*): 2 unregistered specimens, 60–62 mm TL, Wan. This study: KAUM–I. 146584, 47.6 mm SL, Kamikatetsu; KAUM–I. 146745, 54.9 mm SL, Keraji; KUN-P 55676, 57.6 mm SL, KUN-P 55677, 77.9 mm SL, Somachi.

***Scorpaenopsis macrochir* Ogilby, 1910**

[Jpn name: Marusubekasago]

Motomura (2018): KAUM–I. 72370, 67.0 mm SL, Keraji. Motomura (2019a): KAUM–I. 72370, 67.0 mm SL, Keraji. This study: KAUM–I. 72370, 67.0 mm SL, Keraji.

***Scorpaenopsis possi* Randall & Eschmeyer, 2002**

[Jpn name: Mimitogeonikasago]

KPM-NI 26344, 105.9 mm SL, Kikai Island.

***Scorpaenopsis ramaraoi* Randall & Eschmeyer, 2002**

[Jpn name: Inukasago]

KAUM–I. 134919, 166.2 mm SL, KAUM–I. 134920, 121.4 mm SL, Shiomichi.

***Sebastapistes cyanostigma* (Bleeker, 1856)**

[Jpn name: Kasurifusakasago]

Kamohara & Yamakawa (1968b, as *Scorpaena albibrunnea*): 2 unregistered specimens, 73–76 mm TL, Kikai Island. This study: KAUM–I. 146657, 28.3 mm SL, Araki.***Sebastapistes fowleri* (Pietschmann, 1934)**

[Jpn name: Puchifusakasago]

KAUM–I. 146653, 26.2 mm SL, KAUM–I. 146659, 24.3 mm SL, Araki.

***Sebastapistes strongia* (Cuvier, 1829)**

[Jpn name: Madarafusakasago]

KAUM–I. 36033, 35.5 mm SL, Akaren; KAUM–I. 135128, 48.9 mm SL, Araki.

***Sebastapistes tinkhami* (Fowler, 1946)**

[Jpn name: Niramikasago]

KAUM–I. 146658, 26.6 mm SL, Araki.

***Taenianotus triacanthus* Lacepède, 1802**

[Jpn name: Hadakahaokoze]

KAUM–I. 146466, 74.8 mm SL, Tekuzuku; KAUM–I. 146510, 38.2 mm SL, Onotsu.

**FAMILY SYNANCEIIDAE*****Synanceia verrucosa* Bloch & Schneider, 1801**

[Jpn name: Onidarumaokoze]

Kamohara (1957): 1 unregistered specimen, 60 mm TL, Wan. This study: KAUM–I. 134918, 192.5 mm SL, Shiomichi.

**FAMILY TETRAROGIDAE*****Ablabys taenianotus* (Cuvier, 1829)**

[Jpn name: Tsumajirokoze]

Kamohara (1957, as *Amblyapistus taenianotus*): 1 unregistered specimen, 75 mm TL, Wan; 1 unregistered specimen, 60 mm SL, Somachi. Kamohara & Yamakawa (1965, as *Amblyapistus taenianotus*): 2 unregistered specimens, 48–50 mm TL, Somachi. This study: KAUM–I. 134921, 45.7 mm SL, Shiomichi.**FAMILY PLATYCEPHALIDAE*****Cociella punctata* (Cuvier, 1829)**

[Jpn name: Minamiinegochi]

KAUM–I. 134673, 143.7 mm SL, Shiomichi; KAUM–I. 134726, 277.7 mm SL, Somachi.

***Thysanophrys chiltonae* Schultz, 1966**

[Jpn name: Kuroshimagochi]

KAUM–I. 146525, 23.6 mm SL, Shiomichi.

**ORDER PERCIFORMES****FAMILY ACROPOMATIDAE*****Verilus pacificus* (Mochizuki, 1979)**

[Jpn name: Bakemutsu]

Inaba et al. (2016): KAUM–I. 54407, 345.9 mm SL, Kikai Island. Inaba (2018a): KAUM–I. 54407, 345.9 mm SL, Kikai Island. Inaba (2019a): KAUM–I. 54407, 345.9 mm SL, Kikai Island. This study: KAUM–I. 54407, 345.9 mm SL, Kikai Island.

**FAMILY SERRANIDAE*****Aporops bilinearis* Schultz, 1943**

[Jpn name: Yamatotogemegisu]

Kamohara (1957, as *Aporops japonicus*): BSKU 5425, 65 mm TL, Wan. Kamohara & Yamakawa (1968b): 3 unregistered specimens, 71–89 mm TL, Kikai Island. Senou (2013d): Kikai Island.

***Cephalopholis igarashiensis* Katayama, 1957**

[Jpn name: Shimahata]

KAUM–I. 72512, 272.1 mm SL, Kikai Island.

***Cephalopholis miniata* (Forsskål, 1775)**

[Jpn name: Yukatahata]

Kamohara (1957, as *Cephalopholis miniatus*): 1 unregistered specimen, 250 mm TL, Somachi.

***Cephalopholis sonnerati* (Valenciennes, 1828)**

[Jpn name: Azahata]

Sakurai (2018a): KAUM–I. 72478, 295.2 mm SL, Shiramizu. Sakurai (2019a): KAUM–I. 72478, 295.2 mm SL, Shiramizu. This study: KAUM–I. 72478, 295.2 mm SL, Shiramizu.

***Cephalopholis urodeta* (Forster, 1801)**

[Jpn name: Nijihata]

KAUM–I. 146652, 61.5 mm SL, Araki; KAUM–I. 146762, 43.5 mm SL, Tekuzuku.

***Epinephelus areolatus* (Forsskål, 1775)**

[Jpn name: Omonhata]

Kamohara (1957, as *Epinephelus areolatus areolatus*): 1 unregistered specimen, 71 mm TL, Somachi.

***Epinephelus coeruleopunctatus* (Bloch, 1790)**

[Jpn name: Hakutenhata]

Kamohara (1957, as *Epinephelus summana caeruleopunctatus*): 3 unregistered specimens, 40–212 mm TL, Wan; 1 unregistered specimen, 235 mm TL, Somachi. Kamohara & Yamakawa (1968a): 2 unregistered specimens, 90–164 mm TL, Kikai Island.

***Epinephelus cyanopodus* (Richardson, 1846)**

[Jpn name: Tsuchihozeri]

KAUM–I. 134902, 154.5 mm SL, Somachi.

***Epinephelus fasciatus* (Forsskål, 1775)**

[Jpn name: Akahata]

KAUM–I. 146606, 55.5 mm SL, KAUM–I. 146607, 46.7 mm SL, Tekuzuku; KAUM–I. 146648, 50.6 mm SL, Araki.

***Epinephelus fuscoguttatus* (Forsskål, 1775)**

[Jpn name: Akamadarahata]

Kamohara (1957): 1 unregistered specimen, 390 mm TL, Wan. Kamohara & Yamakawa (1968a): 4 unregistered specimens, 142–247 mm TL, Kikai Island.

***Epinephelus hexagonatus* (Forster, 1801)**

[Jpn name: Ishigakihata]

Kamohara & Yamakawa (1968a): 2 unregistered specimens, 137–165 mm TL, Kikai Island. This study: KAUM–I. 15526, 119.2 mm SL, Keraji; KAUM–I. 146650, 55.7 mm SL, Araki.

***Epinephelus howlandi* (Günther, 1873)**

[Jpn name: Hiregurohata]

KAUM–I. 134912, 78.1 mm SL, KAUM–I. 134913, 58.5 mm SL, KAUM–I. 136997, 98.8 mm SL, KAUM–I. 136998, 102.3 mm SL, Shiomichi; KAUM–I. 146628, 54.4 mm SL, Kamikatetsu.

***Epinephelus macrospilos* (Bleeker, 1855)**

[Jpn name: Kibirehata]

KAUM–I. 135135, 122.5 mm SL, Shiomichi.

***Epinephelus melanostigma* Schultz, 1953**

[Jpn name: Sumitsukihata]

Senou (2013d): Kikai Island.

***Epinephelus merra* Bloch, 1793**

[Jpn name: Kammonhata]

KAUM–I. 5113, 104.7 mm SL, Kikai Island; KAUM–I. 43785, 84.3 mm SL, Keraji; KAUM–I. 134562, 144.7 mm SL, KAUM–I. 134563, 127.4 mm SL, KAUM–I. 134564, 115.0 mm SL, KAUM–I. 134565, 127.2 mm SL, KAUM–I. 146789, 94.8 mm SL, KAUM–I. 146790, 109.1 mm SL, KAUM–I. 146798, 100.1 mm SL, KUN-P 55668, 115.5 mm SL, KUN-P 55669, 88.1 mm SL, Akaren; KAUM–I. 134668, 159.3 mm SL, KAUM–I. 134669, 108.7 mm SL, KAUM–I. 134897, 101.1 mm SL, KAUM–I. 134898, 142.3 mm SL, KAUM–I. 134899, 138.5 mm SL, KAUM–I. 134900, 120.3 mm SL, KAUM–I. 134901, 114.2 mm SL, KAUM–I. 146810, 106.3 mm SL, Somachi; KAUM–I. 134730, 155.3 mm SL, KAUM–I. 146508, 41.4 mm SL, Onotsu; KAUM–I. 134911, 111.0 mm SL, Shiomichi; KAUM–I. 146581, 51.1 mm SL, KAUM–I. 146627, 52.1 mm SL, Kamikatetsu.

***Epinephelus tauvina* (Forsskål, 1775)**

[Jpn name: Hitomihata]

Kamohara & Yamakawa (1968a): 12 unregistered specimens, 36–162 mm TL, Kikai Island.

***Grammistes sexlineatus* (Thunberg, 1792)**

[Jpn name: Nunosarashi]

Kamohara & Yamakawa (1965, as *Grammistes sexlineatus proerythraeus*): 1 unregistered specimen, 28 mm TL, Somachi. This study: KAUM–I. 134998, 90.1 mm SL, Nakaguma; KAUM–I. 146698, 66.9 mm SL, Kamikatetsu; KUN-P 55733, 94.3 mm SL, Aden.

***Pseudanthias squamipinnis* (Peters, 1855)**

[Jpn name: Kingyohanadai]

Kamohara (1957): 2 unregistered specimens, 100–105 mm TL (as *Franzia squamipinnis*), Wan; 2 unregistered specimens, 112–120 mm TL (as *Franzia cheirospilos*), Wan.

***Variola louti* (Forsskål, 1775)**

[Jpn name: Barahata]

KAUM–I. 134896, 128.0 mm SL, KAUM–I. 134948, 132.4 mm SL, Somachi.

**FAMILY PSEUDOCROMIDAE*****Amsichthys knighti* (Allen, 1987)**

[Jpn name: Ometanabatamegisu]

Yoshida (2018a): KAUM-I. 72312, 29.2 mm SL, Shiomichi. Yoshida (2019a): KAUM-I. 72312, 29.2 mm SL, Shiomichi. This study: KAUM-I. 72312, 29.2 mm SL, Shiomichi.

***Labracinus cyclophthalmus* (Müller & Troschel, 1849)**

[Jpn name: Megisu]

Kamohara (1957, as *Dampiera melanotaenia*): 1 unregistered specimen, 71 mm TL, Somachi. Kamohara & Yamakawa (1968a, as *Dampiera melanostigma*): 5 unregistered specimens, 40–60 mm TL, Kikai Island. This study: KAUM-I. 146796, 103.0 mm SL, Akaren; KAUM-I. 147603, 113.4 mm SL, KAUM-I. 147604, 105.2 mm SL, KAUM-I. 147605, 114.3 mm SL, Araki.

***Pictichromis porphyreus* (Lubbock & Goldman, 1974)**

[Jpn name: Kurenainisesuzume]

KAUM-I. 134731, 42.8 mm SL, Keraji; KAUM-I. 146593, 27.1 mm SL, Kamikatetsu; KAUM-I. 146613, 30.9 mm SL, Tekuzuku.

***Pseudochromis cyanotaenia* Bleeker, 1857**

[Jpn name: Ryukyunisuzume]

Aoyagi (1941, as *Pseudochromis kikaii*): YCM-P 6886, 32.8 mm SL, Kikai Island. Kamohara (1957): several unregistered specimens, 34–49 mm TL (as *Pseudochromis kikaii*) and 42–53 mm TL (as *Pseudochromis cyanotaenia*), Kikai Island. Kamohara & Yamakawa (1965): 4 unregistered specimens, 42–48 mm TL (as *Pseudochromis cyanotaenia*), Somachi; many unregistered specimens, 33–55 mm TL (as *Pseudochromis kikaii*), Somachi. Hayashi (1995): YCM-P 6886, 32.8 mm SL, Kikai Island. Hayashi et al. (2013): Kikai Island. Yoshida (2018a): KAUM-I. 72357, 36.4 mm SL, Keraji. Yoshida (2019a): KAUM-I. 72357, 36.4 mm SL, Keraji. This study: KAUM-I. 72314, 43.3 mm SL, Shiomichi; KAUM-I. 72357, 36.4 mm SL, Keraji; KAUM-I. 146701, 21.1 mm SL, Kamikatetsu.

***Pseudochromis luteus* Aoyagi, 1943**

[Jpn name: Koganenisesuzume]

Aoyagi (1943): 1 unregistered specimen, 44.2 mm SL, Kikai Island. Kamohara (1957): 2 unregistered specimens, 52–53 mm TL, Wan; 1 unregistered specimen, 52 mm TL, Somachi. Kamohara & Yamakawa (1965): 2 unregistered specimens, 51–52 mm TL, Tekuzuku; 7 unregistered specimens, 48–54 mm TL, Somachi. Hayashi et al. (2013): Kikai Island.

***Pseudochromis marshallensis* Schultz, 1953**

[Jpn name: Hoshinisesuzume]

Yoshida (2018a): KAUM-I. 72326, 42.7 mm SL, Onotsu. Yoshida (2019a): KAUM-I. 72326, 42.7 mm SL, Onotsu. This study: KAUM-I. 72358, 32.9 mm SL, KAUM-I. 134741, 43.8 mm SL, KAUM-I. 134763, 24.1 mm SL, KAUM-I. 134799, 45.6 mm SL, Keraji; KAUM-I. 72326, 42.7 mm SL, KAUM-I. 134605, 38.4 mm SL, KAUM-I. 146505, 34.4 mm SL, Onotsu; KAUM-I. 146615, 30.4 mm SL, Tekuzuku; KAUM-I. 146678, 38.5 mm SL, Araki.

***Pseudoplesiops rosae* Schultz, 1943**

[Jpn name: Tanabatamegisu]

KAUM-I. 146519, 22.9 mm SL, Shiomichi; KAUM-I. 146622, 23.9 mm SL, Tekuzuku.

***Pseudochromis tapeinosoma* Bleeker, 1853**

[Jpn name: Katsuironisesuzume]

Kamohara (1957): 1 unregistered specimen, 44 mm TL, Somachi.

**FAMILY PLESIOPIDAE*****Assessor randalli* Allen & Kuitert, 1976**

[Jpn name: Tsubametanabatauo]

KAUM-I. 72364, 23.5 mm SL, Keraji; KAUM-I. 146518, 24.3 mm SL, KAUM-I. 146526, 18.9 mm SL, Shiomichi.

***Belonepterygion fasciolatum* (Ogilby, 1889)**

[Jpn name: Togetanabatauo]

Kamohara & Yamakawa (1968b, as *Ernogrammoides fasciatus*): 1 unregistered specimen, 31 mm TL, Kikai Island.

***Callopleksiops altivelis* (Steindachner, 1903)**

[Jpn name: Shimofuritanabatauo]

KAUM-I. 134835, 91.3 mm SL, Shitooke.

***Plesiops coeruleolineatus* Rüppell, 1835**

[Jpn name: Tanabatauo]

Yoshida (2018b): KAUM-I. 72187, 64.8 mm SL, Urahara. Yoshida (2019b): KAUM-I. 72187, 64.8 mm SL, Urahara. This study: KAUM-I. 8093, 43.3 mm SL, KAUM-I. 8104, 24.0 mm SL, KAUM-I. 8105, 41.3 mm SL, KAUM-I. 8106, 40.8 mm SL, KAUM-I. 8107, 57.3 mm SL, KAUM-I. 8119, 25.0 mm SL, Shitooke; KAUM-I. 72187, 64.8 mm SL, Urahara; KAUM-I. 72365, 48.0 mm SL, KAUM-I. 72366, 23.8 mm SL, KAUM-I. 134735, 48.0 mm SL, KAUM-I. 134736, 17.7 mm SL, Keraji; KAUM-I. 134602, 50.7 mm SL, KAUM-I. 134603, 52.4 mm SL, KAUM-I. 134604, 39.7 mm SL, KAUM-I. 146504, 26.9 mm SL, Onotsu; KAUM-I. 134991, 21.0 mm SL, KAUM-I. 134992, 36.7 mm SL, Aden; KAUM-I. 135028, 38.8 mm SL, Araki; KAUM-I. 136725, 34.9 mm SL, Shiomichi; KAUM-I. 146268, 46.3 mm SL, Ikeji; KAUM-I. 146577, 26.2 mm SL, KAUM-I. 146633, 37.6 mm SL, KAUM-I. 146634, 21.0 mm SL, KAUM-I. 146635, 52.8 mm SL, KAUM-I. 146636, 47.3 mm SL, KAUM-I. 146709, 50.1 mm SL, KAUM-I. 146710, 44.2 mm SL, Kamikatetsu.

**FAMILY PRIACANTHIDAE*****Heteropriacanthus carolinus* (Cuvier, 1829)**

[Jpn name: Gomahirekintoki]

KPM-NI 26353, 125.8 mm SL, Kikai Island.

***Priacanthus hamrur* (Forsskål, 1775)**

[Jpn name: Hosekikintoki]

Kawaji (2018): KAUM-I. 72756, 186.3 mm SL, Keraji. Kawaji (2019): KAUM-I. 72756, 186.3 mm SL, Keraji. This study: KAUM-I. 15528, 133.4 mm SL, KAUM-I. 72755, 164.5 mm SL, KAUM-I. 72756, 186.3 mm SL, Keraji.

**FAMILY APOGONIDAE*****Apogon crassiceps* Garman, 1903**

[Jpn name: Akafujitenjikudai]

Yoshida (2018c): KAUM-I. 72196, 38.3 mm SL, Urahara. Yoshida (2019c): KAUM-I. 72196, 38.3 mm SL, Urahara. This study: KAUM-I. 72195, 37.2 mm SL, KAUM-I. 72196, 38.3 mm SL, Urahara; KUN-P 55737, 23.6 mm SL, Aden.

***Apogon kominatoensis* Ebina, 1935**

[Jpn name: Kominatotenjikudai]

Yoshida (2018c): KAUM-I. 72353, 35.8 mm SL, Keraji. Yoshida (2019c): KAUM-I. 72353, 35.8 mm SL, Keraji. This study: KAUM-I. 72353, 35.8 mm SL, Keraji; KAUM-I. 134636, 40.7 mm SL, Onotsu; KAUM-I. 146642, 26.9 mm SL, Kamikatetsu.

***Apogon* sp.**

[Jpn name: Ryukyuishimochi]

Hayashi (1995, as *Apogon erythrinus*): YCM-P 4366, 7 specimens, 27.5–44.3 mm SL, Kikai Island. Yoshida (2018c): KAUM-I. 72328, 34.2 mm SL, Onotsu. Yoshida (2019c): KAUM-I. 72328, 34.2 mm SL, Onotsu. This study: KAUM-I. 72328, 34.2 mm SL, KAUM-I. 146499, 33.9 mm SL, KAUM-I. 146500, 33.4 mm SL, Onotsu.

***Apogon* spp. (unidentified)**

[Jpn name: N/A]

KAUM-I. 134732, 39.9 mm SL, KAUM-I. 134767, 34.7 mm SL, Keraji; KAUM-I. 134936, 42.5 mm SL, Nakaguma; KAUM-I. 146642, 26.9 mm SL, KAUM-I. 146711, 41.5 mm SL, Kamikatetsu.

***Cercamia eremia* (Allen, 1987)**

[Jpn name: Sakuratenjikudai]

Yoshida (2018c): KAUM-I. 72349, 40.4 mm SL, Keraji. Yoshida (2019c): KAUM-I. 72349, 40.4 mm SL, Keraji. This study: KAUM-I. 72349, 40.4 mm SL, KAUM-I. 72350, 41.5 mm SL, KAUM-I. 134856, 23.0 mm SL, KAUM-I. 134857, 31.8 mm SL, Keraji; KAUM-I. 134894, 27.1 mm SL, Sadeku.

***Cheilodipterus intermedius* Gon, 1993**

[Jpn name: Sudareyaraiishimochi] (Fig. 3A)

Underwater photograph, off Araki.

***Cheilodipterus macrodon* (Lacepède, 1802)**

[Jpn name: Ryukyuয়ারাইশিমোচি]

Yoshida (2018c): KAUM-I. 72319, 49.0 mm SL, Shiomichi. Yoshida (2019c): KAUM-I. 72319, 49.0 mm SL, Shiomichi. This study: KAUM-I. 72319, 49.0 mm SL, Shiomichi; KAUM-I. 72342, 154.7 mm SL, Keraji.

***Cheilodipterus quinquelineatus* Cuvier, 1828**

[Jpn name: Yaraishimochi]

KAUM-I. 136725, 34.9 mm SL, Shiomichi; KAUM-I. 146498, 98.3 mm SL, Onotsu; KAUM-I. 146696, 50.9 mm SL, KAUM-I. 146705, 70.2 mm SL, Kamikatetsu.

***Foa fo* Jordan & Seale, 1905**

[Jpn name: Taiwammatoishimochi]

KAUM-I. 134685, 22.9 mm SL, KAUM-I. 134686, 18.9 mm SL, KAUM-I. 134697, 19.9 mm SL, Shiomichi.

***Fowleria isostigma* (Jordan & Seale, 1906)**

[Jpn name: Nahamatoishimochi]

Kamohara & Yamakawa (1968a, as *Apogon isostigma*): 1 unregistered specimen, 23 mm TL, Kikai Island. This study: KAUM-I. 134882, 20.1 mm SL, Keraji; KAUM-I. 134889, 18.4 mm SL, Aden; KAUM-I. 146586, 14.7 mm SL, KAUM-I. 146629, 64.5 mm SL, Kamikatetsu.

***Nectamia fusca* (Quoy & Gaimard, 1825)**

[Jpn name: Hososujinamidatenjikudai]

Yoshida (2018c): KAUM-I. 72347, 68.2 mm SL, KAUM-I. 72348, 50.3 mm SL, Keraji. Yoshida (2019c): KAUM-I. 72347, 68.2 mm SL, KAUM-I. 72348, 50.3 mm SL, Keraji. This study: KAUM-I. 72347, 68.2 mm SL, KAUM-I. 72348, 50.3 mm SL, KAUM-I. 134759, 22.8 mm SL, KAUM-I. 146565, 31.5 mm SL, Keraji; KAUM-I. 134595, 64.8 mm SL, Onotsu; KAUM-I. 134694, 50.3 mm SL, KAUM-I. 136710, 66.3 mm SL, KAUM-I. 136711, 52.0 mm SL, KAUM-I. 136712, 43.9 mm SL, Shiomichi; KAUM-I. 135033, 55.3 mm SL, KAUM-I. 135034, 46.6 mm SL, KAUM-I. 135038, 50.7 mm SL, Araki; KAUM-I. 146267, 36.3 mm SL, Ikeji; KAUM-I. 146707, 67.5 mm SL, Kamikatetsu; KUN-P 55675, 51.3 mm SL, Somachi; KUN-P 55735, 76.0 mm SL, Nakaguma.

***Nectamia savayensis* (Günther, 1872)**

[Jpn name: Namidatenjikudai]

KAUM-I. 134933, 48.6 mm SL, KAUM-I. 134934, 38.0 mm SL, KAUM-I. 134935, 32.8 mm SL, Nakaguma.

***Ostorhinchus cookii* (Macleay, 1881)**

[Jpn name: Sujiishimochi]

Hayashi (1995, as *Apogon robustus*): YCM-P 4399, 2 specimens, 45.1–52.9 mm SL, Kikai Island. Yoshida (2018c): KAUM-I. 72186, 61.6 mm SL, Urahara. Yoshida (2019c): KAUM-I. 72186, 61.6 mm SL, Urahara. This study: KAUM-I. 72186, 61.6 mm SL, Urahara; KAUM-I. 135035, 45.1 mm SL, KAUM-I. 135036, 42.5 mm SL, KAUM-I. 135037, 49.1 mm SL, Araki; KAUM-I. 136716, 69.1 mm SL, KAUM-I. 136717, 58.6 mm SL, Shiomichi; KUN-P 55774, 44.0 mm SL, KUN-P 55674, 62.7 mm SL, Somachi.

***Ostorhinchus doederleini* (Jordan & Snyder, 1901)**

[Jpn name: Osujiishimochi]

KAUM-I. 72335, 11.6 mm SL, Onotsu; KAUM-I. 134532, 92.2 mm SL, Akaren.

***Ostorhinchus nigrofasciatus* (Lachner, 1953)**

[Jpn name: Minamifutosujiishimochi]

KAUM-I. 72327, 53.6 mm SL, KAUM-I. 134632, 64.4 mm SL, KAUM-I. 134633, 54.7 mm SL, KAUM-I. 134634, 48.3 mm SL, KAUM-I. 134635, 35.4 mm SL, Onotsu; KUN-P 55738, 27.8 mm SL, Aden.

***Ostorhinchus novemfasciatus* (Cuvier, 1828)**

[Jpn name: Tasujiishimochi]

Hayashi (1995, as *Apogon novemfasciatus*): YCM-P 4367, 3 specimens, 49.2–69.1 mm SL, Kikai Island. This study: KAUM-I. 134931, 67.3 mm SL, KAUM-I. 134932, 61.3 mm SL, Nakaguma; KAUM-I. 135123, 26.9 mm SL, Araki; KAUM-I. 136729, 31.6 mm SL, Shiomichi.

***Ostorhinchus properuptus* (Whitley, 1964)**

[Jpn name: Kinsenishimochi]

Kamohara & Yamakawa (1968a, as *Apogon cyanosoma*): 4 unregistered specimens, 45–49 mm TL, Kikai Island. This study: KAUM-I. 134803, 15.8 mm SL, Keraji; KAUM-I. 146467, 37.9 mm SL, KAUM-I. 146480, 42.5 mm SL, KAUM-I. 146483, 51.9 mm SL, KAUM-I. 146487, 19.2 mm SL, KAUM-I. 146488, 15.7 mm SL, KAUM-I. 146489, 14.8 mm SL, Tekuzuku; KAUM-I. 146501, 48.6 mm SL, Onotsu.

***Ostorhinchus taeniophorus* (Regan, 1908)**

[Jpn name: Misujitenjikudai]

Yoshida (2018c): KAUM-I. 72316, 52.7 mm SL, Shiomichi. Yoshida (2019c): KAUM-I. 72316, 52.7 mm



SL, Shiomichi. This study: KAUM-I. 72316, 52.7 mm SL, Shiomichi; KAUM-I. 134531, 74.3 mm SL, Akaren; KAUM-I. 134995, 32.7 mm SL, Aden; KAUM-I. 146502, 39.8 mm SL, Onotsu; KUN-P 55697, 21.4 mm SL, Nakasato.

***Pristiapogon exostigma* (Jordan & Starks, 1906)**

[Jpn name: Yukataishimochi]

Kamohara & Yamakawa (1968a, as *Apogon exostigma*): 1 unregistered specimen, 52 mm TL, Kikai Island. This study: KAUM-I. 134768, 23.5 mm SL, KAUM-I. 134872, 81.3 mm SL, KAUM-I. 134883, 26.7 mm SL, KAUM-I. 134884, 27.0 mm SL, Keraji; KAUM-I. 146708, 62.2 mm SL, Kamikatetsu; KAUM-I. 146708, 62.2 mm SL, Tekuzuku; KAUM-I. 146777, 84.6 mm SL, Akaren.

***Pristiapogon fraenatus* (Valenciennes, 1832)**

[Jpn name: Hitosujiishimochi]

KAUM-I. 146494, 24.4 mm SL, Tekuzuku; KAUM-I. 146591, 20.3 mm SL, Kamikatetsu.

***Pristiapogon kallopterus* (Bleeker, 1856)**

[Jpn name: Kasuriishimochi]

KAUM-I. 134625, 80.6 mm SL, KAUM-I. 134626, 90.6 mm SL, Onotsu; KAUM-I. 134743, 34.9 mm SL, Keraji; KAUM-I. 134785, 69.4 mm SL, KAUM-I. 146811, 85.2 mm SL, KAUM-I. 146818, 96.7 mm SL, KAUM-I. 146819, 93.1 mm SL, KUN-P 55718, 39.6 mm SL, KUN-P 55719, 43.4 mm SL, KUN-P 55720, 42.1 mm SL, Somachi.

***Pseudamia gelatinosa* Smith, 1956**

[Jpn name: Numeritenjikudai]

KAUM-I. 146697, 15.9 mm SL, Kamikatetsu.

***Pseudamiops gracilicauda* (Lachner, 1953)**

[Jpn name: Kudaribozugisumodoki]

KAUM-I. 134744, 33.1 mm SL, Keraji.

**FAMILY CARANGIDAE**

***Caranx melampygus* Cuvier, 1833**

[Jpn name: Kasumiaji]

KAUM-I. 134675, 95.8 mm SL, KAUM-I. 136706, 67.7 mm SL, Shiomichi; KAUM-I. 134838, 180.8 mm SL, KAUM-I. 134950, 621.6 mm SL, KUN-P 55682, 72.0 mm SL, Somachi.

***Caranx sexfasciatus* Quoy & Gaimard, 1825**

[Jpn name: Gingameaji]

Kamohara & Yamakawa (1968a): 1 unregistered specimen, 70 mm TL, Kikai Island. This study: KAUM-I. 134681, 50.5 mm SL, Shiomichi; KAUM-I. 146799, 258.2 mm SL, Somachi.

***Trachinotus baillonii* (Lacepède, 1801)**

[Jpn name: Kobanaji]

KAUM-I. 134693, 51.3 mm SL, Shiomichi; KUN-P 55673, Somachi.

***Trachinotus blochii* (Lacepède, 1801)**

[Jpn name: Marukoban]

KAUM-I. 134672, 126.7 mm SL, KAUM-I. 134692, 56.6 mm SL, KAUM-I. 136704, 49.4 mm SL, KAUM-I. 136705, 51.8 mm SL, KUN-P 55686, 107.9 mm SL, Shiomichi.

**FAMILY BRAMIDAE*****Eumegistus illustris* Jordan & Jordan, 1922**

[Jpn name: Chikamechiopia]

Hata et al. (2015b): KAUM-I. 68443, 549.0 mm SL, Kikai Island. Hata (2018a): KAUM-I. 68443, 549.0 mm SL, Kikai Island. Hata (2019a): KAUM-I. 68443, 549.0 mm SL, Kikai Island. This study: KAUM-I. 68443, 549.0 mm SL, Kikai Island.

**FAMILY LUTJANIDAE*****Aphareus furca* (Lacepède, 1801)**

[Jpn name: Ishifuedai]

Kamohara (1957): 1 unregistered specimen, 285 mm TL, Wan.

***Aphareus rutilans* Cuvier, 1830**

[Jpn name: Oguchiishichibiki]

Kamohara (1957): 1 unregistered specimen, 400 mm TL, Somachi.

***Aprion virescens* Valenciennes, 1830**

[Jpn name: Aochibiki]

KAUM-I. 134715, 125.5 mm SL, Akaren.

***Etelis coruscans* Valenciennes, 1862**

[Jpn name: Hamadai]

Kamohara (1957, as *Etelis carbunculus*): 2 unregistered specimens, 240–400 mm TL, Somachi. Hata (2018b): KAUM-I. 72788, 330.1 mm SL, Kikai Island. Hata (2019b): KAUM-I. 72788, 330.1 mm SL, Kikai Island. This study: KAUM-I. 72788, 330.1 mm SL, Kikai Island.

***Lutjanus argentimaculatus* (Forsskål, 1775)**

[Jpn name: Gomafuedai]

Kamohara (1957): 1 unregistered specimen, 124 mm TL, Somachi.

***Lutjanus bohar* (Forsskål, 1775)**

[Jpn name: Barafuedai]

KAUM-I. 146788, 97.4 mm SL, Akaren.

***Lutjanus fulviflamma* (Forsskål, 1775)**

[Jpn name: Nisekurohoshifuedai]

Kamohara (1957): 3 unregistered specimens, 92–162 mm TL, Somachi.

***Lutjanus fulvus* (Forster, 1801)**

[Jpn name: Okifuedai]

Kamohara (1957, as *Lutjanus vaigiensis*): 1 unregistered specimen, 103 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Lutjanus vaigiensis*): 1 unregistered specimen, 315 mm TL, Somachi. This study: KAUM-I. 38208, 85.0 mm SL, KAUM-I. 38209, 92.0 mm SL, KAUM-I. 38210, 114.6 mm SL, Kikai Island; KAUM-I. 134676, 52.0 mm SL, KUN-P 55777, 45.5 mm SL, Shiomichi; KAUM-I. 134729, 116.6 mm SL, Onotsu; KAUM-I. 135080, 67.5 mm SL, KAUM-I. 135085, 45.5 mm SL, Araki.

***Lutjanus gibbus* (Forsskål, 1775)**

[Jpn name: Himefuedai]

KAUM-I. 134533, 89.6 mm SL, KAUM-I. 134534, 97.6 mm SL, KAUM-I. 134535, 84.4 mm SL, KUN-P 55661, 89.6 mm SL, KUN-P 55662, 93.4 mm SL, Akaren; KAUM-I. 134923, 93.0 mm SL, KAUM-I. 147628, 103.3 mm SL, Somachi; KAUM-I. 135067, 89.4 mm SL, KAUM-I. 135078, 86.4 mm SL, KAUM-I. 135079, 63.8 mm SL, Araki; KUN-P 55679, 50.4 mm SL, Nakasato.

***Lutjanus kasmira* (Forsskål, 1775)**

[Jpn name: Yosujifuedai]

KAUM-I. 134536, 76.3 mm SL, KAUM-I. 134537, 83.4 mm SL, KAUM-I. 134540, 88.2 mm SL, KAUM-I. 134541, 118.4 mm SL, KAUM-I. 134542, 102.3 mm SL, KUN-P 55664, 101.1 mm SL, KUN-P 55667, 101.3 mm SL, Akaren.

***Lutjanus monostigma* (Cuvier, 1828)**

[Jpn name: Ittenfuedai]

Kamohara & Yamakawa (1965): many unregistered specimens, 100–265 mm TL, Somachi.

***Lutjanus rufolineatus* (Valenciennes, 1830)**

[Jpn name: Kyusenfuedai]

Kamohara (1957): 1 unregistered specimen, 233 mm TL, Somachi.

***Macolor macularis* Fowler, 1931**

[Jpn name: Hohosujitarumi] (Fig. 3B)

Underwater photograph, off Tekuzuku.

***Paracaesio caerulea* (Katayama, 1934)**

[Jpn name: Aodai]

Kamohara (1957): 1 unregistered specimen, 315 mm TL, Somachi. Hata (2018b): KAUM-I. 72510, 220.7 mm SL, Kikai Island. Hata (2019b): KAUM-I. 72510, 220.7 mm SL, Kikai Island. This study: KAUM-I. 72510, 220.7 mm SL, Kikai Island.

***Pristipomoides argyrogrammicus* (Valenciennes, 1832)**

[Jpn name: Hanafuedai]

Kamohara (1957, as *Pristipomoides amoenus*): 1 unregistered specimen, 280 mm TL, Somachi. Hata (2018b): KAUM-I. 72302, 180.0 mm SL, Kikai Island. Hata (2019b): KAUM-I. 72302, 180.0 mm SL, Kikai Island. This study: KAUM-I. 72302, 180.0 mm SL, Kikai Island.

***Pristipomoides filamentosus* (Valenciennes, 1830)**

[Jpn name: Ohime]

Kamohara (1957): 1 unregistered specimen, 210 mm TL, Somachi.

***Pristipomoides sieboldii* (Bleeker, 1855)**

[Jpn name: Himedai]

Hata (2018b): KAUM-I. 72511, 252.7 mm SL, Kikai Island. Hata (2019b): KAUM-I. 72511, 252.7 mm SL, Kikai Island. This study: KAUM-I. 72511, 252.7 mm SL, Kikai Island.

**FAMILY CAESIONIDAE**

***Pterocaesio tile* (Cuvier, 1830)**

[Jpn name: Kumasahanamuro]

KAUM-I. 146646, 85.2 mm SL, KAUM-I. 146647, 88.8 mm SL, KAUM-I. 147625, 96.2 mm SL, Kamikata-tetsu.

***Pterocaesio trilineata* Carpenter, 1987**

[Jpn name: Issentakasago]

Kamohara (1957): 2 unregistered specimens, 150–163 mm TL, Wan.

**FAMILY GERREIDAE*****Gerres longirostris* (Lacepède, 1801)**

[Jpn name: Tsupparisagi]

KAUM-I. 135066, 213.3 mm SL, Araki.

***Gerres oblongus* Cuvier, 1830**

[Jpn name: Nagasagi]

KAUM-I. 134706, 40.8 mm SL, KAUM-I. 134671, 89.1 mm SL, Shiomichi.

***Gerres oyena* (Forsskål, 1775)**

[Jpn name: Minamikurosagi]

KAUM-I. 134690, 79.0 mm SL, Shiomichi.

**FAMILY HAEMULIDAE*****Plectorhinchus vittatus* (Linnaeus, 1758)**

[Jpn name: Musujikoshodai]

Hata (2018c): KAUM-I. 72455, 157.6 mm SL, Shiramizu. Hata (2019c): KAUM-I. 72455, 157.6 mm SL, Shiramizu. This study: KAUM-I. 72455, 157.6 mm SL, Shiramizu.

**FAMILY NEMIPTERIDAE*****Scolopsis bilineata* (Bloch, 1793)**

[Jpn name: Futasujitamagashira]

KAUM-I. 146740, 24.9 mm SL, Keraji.

***Scolopsis lineata* Quoy & Gaimard, 1824**

[Jpn name: Yokoshimatamagashira]

KAUM-I. 134904, 60.9 mm SL, KAUM-I. 136707, 54.7 mm SL, Shiomichi.

**FAMILY SPARIDAE*****Amamiichthys matsubarai* (Akazaki, 1962)**

[Jpn name: Hoshirenko]

Nakamura (2018a): KAUM-I. 53888, 364.6 mm SL, KAUM-I. 72509, 267.3 mm SL, Kikai Island. Nakamura (2019a): KAUM-I. 53888, 364.6 mm SL, KAUM-I. 72509, 267.3 mm SL, Kikai Island. This study: KAUM-I. 53888, 364.6 mm SL, KAUM-I. 72509, 267.3 mm SL, Kikai Island.

***Dentex abei* Iwatsuki, Akazaki & Taniguchi, 2007**

[Jpn name: Kibireakarenko]

Nakamura (2018a): KAUM-I. 72513, 213.4 mm SL, Kikai Island. Nakamura (2019a): KAUM-I. 72513, 213.4 mm SL, Kikai Island. This study: KAUM-I. 72513, 213.4 mm SL, Kikai Island.

***Pagrus major* (Temminck & Schlegel, 1843)**

[Jpn name: Madai]

Hayashi &amp; Hagiwara (2013a): Kikai Island.

**FAMILY LETHRINIDAE*****Gnathodentex aureolineatus* (Lacepède, 1802)**

[Jpn name: Nokogiridai]

KAUM-I. 15533, 112.4 mm SL, Keraji; KAUM-I. 135164, 104.7 mm SL, Akaren; KAUM-I. 146808, 120.2 mm SL, KAUM-I. 146809, 85.0 mm SL, KAUM-I. 146820, 87.0 mm SL, Somachi.

***Gymnocranius superciliosus* Brosa, Béarez, Paijo & Chen, 2013**

[Jpn name: Hikimayumeichi]

Shibuya et al. (2020): KAUM-I. 134725, 206.7 mm SL, Akaren. This study: KAUM-I. 134725, 206.7 mm SL, Akaren.

***Monotaxis grandoculis* (Forsskål, 1775)**

[Jpn name: Yokoshimakurodai]

KAUM-I. 135065, 93.9 mm SL, Araki; KAUM-I. 146807, 110.3 mm SL, KAUM-I. 147627, 128.4 mm SL, Somachi.

**FAMILY MULLIDAE*****Mulloidichthys flavolineatus flavolineatus* (Lacepède, 1801)**

[Jpn name: Montsukiakahimeji]

Yamakawa (1969, as *Mulloidichthys samoensis*): 2 unregistered specimens, 72–88 mm TL, Kikai Island. This study: KAUM-I. 72413, 249.8 mm SL, Keraji; KAUM-I. 72499, 222.7 mm SL, Onotsu; KAUM-I. 135026, 72.7 mm SL, KAUM-I. 136715, 78.3 mm SL, Shiomichi; KAUM-I. 134646, 113.8 mm SL, Nakasato; KAUM-I. 146776, 103.8 mm SL, Akaren; KUN-P 55710, 117.2 mm SL, KUN-P 55711, 86.1 mm SL, KUN-P 55712, 77.2 mm SL, Somachi.

***Mulloidichthys vanicolensis* (Valenciennes, 1831)**

[Jpn name: Akahimeji]

KAUM-I. 146812, 123.8 mm SL, Somachi.

***Parupeneus barberinus* (Lacepède, 1801)**

[Jpn name: Osujihimeji]

Yamakawa (1969, as *Pseudupeneus barberinus*): 1 unregistered specimen, 38 mm TL, Kikai Island. This study: KAUM-I. 134717, 196.6 mm SL, Akaren.

***Parupeneus ciliatus* (Lacepède, 1802)**

[Jpn name: Horaihimeji]

KAUM-I. 87310, 78.8 mm SL, Kikai Island; KAUM-I. 134914, 164.3 mm SL, Shiomichi; KAUM-I. 146261, 97.5 mm SL, Ikeji; KAUM-I. 147624, 131.0 mm SL, Kamikatetsu.

***Parupeneus cyclostomus* (Lacepède, 1801)**

[Jpn name: Marukuchihimeji]

Kamohara (1957, as *Pseudupeneus cyclostomus*): several unregistered specimens, 123–227 mm TL, Kikai Island (including Amami-oshima Island).

***Parupeneus multifasciatus* (Quoy & Gaimard, 1825)**

[Jpn name: Ojisan]

Bandai (2018): KAUM-I. 72457, 175.6 mm SL, Shiramizu. Bandai (2019): KAUM-I. 72457, 175.6 mm SL, Shiramizu. This study: KAUM-I. 72457, 175.6 mm SL, Shiramizu; KAUM-I. 72485, 167.1 mm SL,

Aden; KAUM-I. 134543, 107.5 mm SL, KAUM-I. 134544, 93.3 mm SL, KAUM-I. 134545, 127.5 mm SL, KAUM-I. 134546, 126.6 mm SL, KAUM-I. 134547, 105.9 mm SL, KAUM-I. 134548, 102.1 mm SL, KAUM-I. 134549, 88.6 mm SL, KAUM-I. 134550, 149.1 mm SL, KAUM-I. 134551, 121.5 mm SL, KAUM-I. 134552, 113.2 mm SL, KAUM-I. 134553, 96.7 mm SL, KAUM-I. 134722, 144.5 mm SL, KAUM-I. 146784, 97.1 mm SL, KAUM-I. 146785, 105.4 mm SL, KAUM-I. 146786, 83.4 mm SL, KUN-P 55658, 127.6 mm SL, KUN-P 55659, 108.9 mm SL, Akaren; KAUM-I. 134665, 191.5 mm SL, KAUM-I. 134666, 118.5 mm SL, KAUM-I. 134667, 99.6 mm SL, KAUM-I. 146816, 91.4 mm SL, KAUM-I. 147632, 91.8 mm SL, KAUM-I. 147633, 77.5 mm SL, KAUM-I. 147634, 94.3 mm SL, KAUM-I. 147635, 120.3 mm SL, Somachi; KAUM-I. 146824, 136.3 mm SL, KAUM-I. 146825, 89.6 mm SL, Araki.

***Parupeneus pleurostigma* (Bennett, 1831)**

[Jpn name: Ryukuhimeji]

Kamohara (1957): 1 unregistered specimen, 165 mm TL, Wan. This study: KAUM-I. 15527, 132.4 mm SL, Keraji.

***Parupeneus spilurus* (Bleeker, 1854)**

[Jpn name: Okinahimeji]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 200 mm TL, Somachi.

***Upeneus tragula* Richardson, 1846**

[Jpn name: Yomehimeji]

KAUM-I. 15291, 180.8 mm SL, Sakamine.

**FAMILY PEMPHERIDAE**

***Pempheris adusta* Bleeker, 1877**

[Jpn name: Ryukyuhatampo]

Kamohara (1957, as *Pempheris oualensis*): 2 unregistered specimens, 67–75 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Pempheris oualensis*): 5 unregistered specimens, 75–155 mm TL, Somachi. Koeda (2018): KAUM-I. 72334, 8.7 mm SL, Onotsu. Koeda (2019): KAUM-I. 72334, 8.7 mm SL, Onotsu. This study: KAUM-I. 72334, 8.7 mm SL, Onotsu.

***Pempheris schwenkii* Bleeker, 1855**

[Jpn name: Minamihatampo]

Koeda (2018): KAUM-I. 72331, 8.0 mm SL, Onotsu. Koeda (2019): KAUM-I. 72331, 8.0 mm SL, Onotsu. This study: KAUM-I. 72331, 8.0 mm SL, Onotsu; KAUM-I. 134873, 111.3 mm SL, Keraji.

**FAMILY MONODACTYLIDAE**

***Monodactylus argenteus* (Linnaeus, 1758)**

[Jpn name: Himetsubameuo]

Kamohara (1957): 5 unregistered specimens, 95–120 mm TL, Kikai Island (including Amami-oshima Island). This study: KAUM-I. 134679, 38.8 mm SL, KUN-P 55688, 38.5 mm SL, Shiomichi.

**FAMILY CHAETODONTIDAE**

***Chaetodon argentatus* Smith & Radcliffe, 1911**

[Jpn name: Kagamichochouo]

Kamohara & Yamakawa (1968a): 1 unregistered specimen, 45 mm TL, Kikai Island. Fujiwara (2018): KAUM-I. 72341, 76.7 mm SL, Keraji. Fujiwara (2019): KAUM-I. 72341, 76.7 mm SL, Keraji. This study: KAUM-I. 72341, 76.7 mm SL, Keraji; KAUM-I. 146764, 62.9 mm SL, Tekuzuku.

***Chaetodon auriga* Forsskål, 1775**

[Jpn name: Togechochouo]

Kamohara (1957): 2 unregistered specimens, 54–55 mm TL, Wan. This study: KAUM–I. 72474, 100.9 mm SL, Shiramizu; KAUM–I. 135132, 59.9 mm SL, Shiomichi.

***Chaetodon auripes* Jordan & Snyder, 1901**

[Jpn name: Chochouo]

Kamohara (1957, as *Chaetodon collaris*): several unregistered specimens, 130–170 mm TL, Somachi. This study: KAUM–I. 72754, 145.7 mm SL, Keraji; KAUM–I. 146775, 133.8 mm SL, Akaren; KAUM–I. 146805, 134.9 mm SL, Somachi.

***Chaetodon citrinellus* Cuvier, 1831**

[Jpn name: Gomachochouo]

Kamohara (1957): many unregistered specimens, 60–83 mm TL, Kikai Island. Kamohara & Yamakawa (1968a): 3 unregistered specimens, 33–40 mm TL, Kikai Island. This study: KAUM–I. 15295, 85.7 mm SL, KAUM–I. 15403, 91.2 mm SL, Sakamine; KAUM–I. 134627, 78.1 mm SL, Onotsu; KAUM–I. 134797, 38.0 mm SL, Keraji.

***Chaetodon daedalma* Jordan & Fowler, 1902**

[Jpn name: Yuzen] (Fig. 3C)

Underwater photograph, off Ikeji.

Remarks: At Kikai Island, only a single ca. 3 cm SL juvenile (taken at Ikeji on 15 August 2018) has been confirmed to date (J. Yoda pers. comm.).

***Chaetodon lunula* (Lacepède, 1802)**

[Jpn name: Chohan]

Kamohara & Yamakawa (1965): 3 unregistered specimens, 43–90 mm TL, Araki; 3 unregistered specimens, 59–87 mm TL, Somachi. Fujiwara (2018): KAUM–I. 72459, 95.3 mm SL, Shiramizu. Fujiwara (2019): KAUM–I. 72459, 95.3 mm SL, Shiramizu. This study: KAUM–I. 72458, 92.2 mm SL, KAUM–I. 72459, 95.3 mm SL, Shiramizu; KAUM–I. 135169, 26.6 mm SL, Shiomichi.

***Chaetodon lunulatus* Quoy & Gaimard, 1825**

[Jpn name: Misujichochoouo]

KAUM–I. 15368, 94.7 mm SL, Sakamine; KAUM–I. 15538, 101.6 mm SL, KAUM–I. 87266, 91.0 mm SL, KAUM–I. 134737, 26.1 mm SL, KAUM–I. 134738, 16.4 mm SL, KAUM–I. 134764, 17.3 mm SL, KAUM–I. 146545, 18.8 mm SL, KAUM–I. 147615, 88.2 mm SL, Keraji.

***Chaetodon melannotus* Bloch & Schneider, 1801**

[Jpn name: Akebonochochouo]

Fujiwara (2018): KAUM–I. 72454, 126.4 mm SL, Shiramizu. Fujiwara (2019): KAUM–I. 72454, 126.4 mm SL, Shiramizu. This study: KAUM–I. 72454, 126.4 mm SL, Shiramizu; KAUM–I. 72492, 125.4 mm SL, Onotsu.

***Chaetodon speculum* Cuvier, 1831**

[Jpn name: Tonosamadaï]

Fujiwara (2018): KAUM–I. 72479, 137.1 mm SL, Aden. Fujiwara (2019): KAUM–I. 72479, 137.1 mm SL, Aden. This study: KAUM–I. 72479, 137.1 mm SL, Aden.

***Chaetodon ulietensis* Cuvier, 1831**

[Jpn name: Sudarechochouo]

KAUM-I. 147623, 129.6 mm SL, Kamikatetsu.

***Chaetodon unimaculatus* Bloch, 1787**

[Jpn name: Ittenchochouo]

Kamohara (1957): many unregistered specimens, 65–144 mm TL, Kikai Island (including Amami-oshima Island).

***Chaetodon vagabundus* Linnaeus, 1758**

[Jpn name: Furaichochoouo]

Kamohara (1957): 6 unregistered specimens, 46–140 mm TL, Kikai Island. Kamohara &amp; Yamakawa (1965): 1 unregistered specimen, 86 mm TL, Somachi; 1 unregistered specimen, 52 mm SL, Araki. This study: KAUM-I. 72496, 101.2 mm SL, Onotsu; KAUM-I. 134680, 50.6 mm SL, KAUM-I. 135170, 38.2 mm SL, Shiomichi; KAUM-I. 146817, 127.4 mm SL, Somachi; KAUM-I. 147614, 81.1 mm SL, Keraji.

***Forcipiger flavissimus* Jordan & McGregor, 1898**

[Jpn name: Fueyakkodai]

Kamohara (1957, as *Forcipiger longirostris*): 5 unregistered specimens, 110–115 mm TL, Wan (including Amami-oshima Island). This study: KAUM-I. 15356, 104.2 mm SL, Sakamine; KAUM-I. 15531, 108.6 mm SL, Keraji.***Hemitaurichthys polylepis* (Bleeker, 1857)**

[Jpn name: Kasumichochoouo]

Kamohara (1957, as *Hemitaurichthys zoster*): many unregistered specimens, 112–152 mm TL, Kikai Island (including Amami-oshima Island).***Heniochus chrysostomus* Cuvier, 1831**

[Jpn name: Minamihatatedai]

KAUM-I. 146645, 53.8 mm SL, Kamikatetsu.

***Heniochus monoceros* Cuvier, 1831**

[Jpn name: Onihatatedai]

Kamohara &amp; Yamakawa (1968b): 1 unregistered specimen, 45 mm TL, Kikai Island.

**FAMILY POMACANTHIDAE*****Centropyge heraldi* Woods & Schultz, 1953**

[Jpn name: Herarudokoganeyakko]

KAUM-I. 146614, 45.4 mm SL, Tekuzuku.

***Centropyge vrolikii* (Bleeker, 1853)**

[Jpn name: Namerayakko]

KAUM-I. 146651, 39.9 mm SL, KAUM-I. 146656, 37.5 mm SL, Araki.

***Pomacanthus imperator* (Bloch, 1787)**

[Jpn name: Tatejimakinchakudai]

Kamohara & Yamakawa (1968b, as *Holacanthus imperator*): 1 unregistered specimen, 39 mm TL, Kikai Island.



***Pomacanthus semicirculatus* (Cuvier, 1831)**

[Jpn name: Sazanamiyakko]

Kamohara (1957, as *Holacanthus semicirculatus*): 5 unregistered specimens, 36–125 mm TL, Onotsu. Wibowo (2018): KAUM–I. 72318, 49.6 mm SL, Shiomichi. Wibowo (2019): KAUM–I. 72318, 49.6 mm SL, Shiomichi. This study: KAUM–I. 72318, 49.6 mm SL, Shiomichi.

**FAMILY CIRRHITIDAE*****Amblycirrhitus unimaculus* (Kamohara, 1957)**

[Jpn name: Kurohoshigombe]

Kamohara (1957, as *Cirrhitoides unimacula*): BSKU 6387, 85 mm TL, Somachi. Hayashi & Hagiwara (2013b, as *Amblycirrhitus unimacula*): Kikai Island.

***Cirrhitichthys aprinus* (Cuvier, 1829)**

[Jpn name: Minamigombe]

KAUM–I. 146677, 45.1 mm SL, Araki.

***Cirrhitichthys falco* Randall, 1963**

[Jpn name: Sarasagombe]

KAUM–I. 146692, 53.2 mm SL, Kamikatetsu.

***Cirrhitus pinnulatus pinnulatus* (Forster, 1801)**

[Jpn name: Isogombe]

Kamohara & Yamakawa (1965, as *Cirrhitus pinnulatus*): 6 unregistered specimens, 56–158 mm TL, Somachi. Hayashi & Hagiwara (2013b, as *Cirrhitus pinnulatus*): Kikai Island.

***Paracirrhites arcatus* (Cuvier, 1829)**

[Jpn name: Meganegombe]

KAUM–I. 146655, 53.7 mm SL, KAUM–I. 146672, 26.6 mm SL, KAUM–I. 146679, 40.7 mm SL, Araki; KAUM–I. 146763, 27.9 mm SL, Tekuzuku.

***Paracirrhites forsteri* (Schneider, 1801)**

[Jpn name: Hoshigombe]

KAUM–I. 134795, 35.0 mm SL, KAUM–I. 134796, 29.4 mm SL, Keraji; KAUM–I. 146683, 76.2 mm SL, Araki.

**FAMILY LATRIDAE*****Goniistius zonatus* (Cuvier, 1830)**

[Jpn name: Takanohadai]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 75 mm TL, Wan.

**FAMILY CICHLIDAE*****Oreochromis niloticus* (Linnaeus, 1758)**

[Jpn name: Nairuteirapia]

Nakajima et al. (2020): Urahara. This study: KAUM–I. 135134, 117.6 mm SL, Shiomichi.

**FAMILY POMACENTRIDAE*****Abudefduf caudobimaculatus* Okada & Ikeda, 1939**

[Jpn name: Shiritensuzumedai]

Wibowo et al. (2017): KPM-NI 26335, 69.3 mm SL, Kikai Island; Iwatsubo (2018): KPM-NI 26335, 69.3 mm SL, Kikai Island. Iwatsubo (2019): KPM-NI 26335, 69.3 mm SL, Kikai Island.

***Abudefduf notatus* (Day, 1870)**

[Jpn name: Isosuzumedai]

Kamohara (1957): 1 unregistered specimen, 62 mm TL, Onotsu; 1 unregistered specimen, 85 mm TL, Somachi. Kamohara & Yamakawa (1965): 1 unregistered specimen, 80 mm TL, Tekuzuku; 1 unregistered specimen, 72 mm TL, Somachi. Iwatsubo (2018): KAUM-I. 72505, 102.4 mm SL, Onotsu. Iwatsubo (2019): KAUM-I. 72505, 102.4 mm SL, Onotsu. This study: KAUM-I. 72505, 102.4 mm SL, Onotsu.

***Abudefduf septemfasciatus* (Cuvier, 1830)**

[Jpn name: Shichisensuzumedai]

Kamohara (1957): 4 unregistered specimens, 67–83 mm TL, Onotsu. Kamohara & Yamakawa (1965): 7 unregistered specimens, 76–92 mm TL, Somachi. This study: KAUM-I. 72507, 116.2 mm SL, Onotsu; KAUM-I. 135089, 19.3 mm SL, KAUM-I. 135090, 15.9 mm SL, KAUM-I. 135091, 16.3 mm SL, KAUM-I. 135092, 18.4 mm SL, KAUM-I. 135093, 14.2 mm SL, Araki.

***Abudefduf sexfasciatus* (Lacepède, 1801)**

[Jpn name: Rokusensuzumedai]

Kamohara (1957): 2 unregistered specimens, 70–83 mm TL, Onotsu. Kamohara & Yamakawa (1968a): 3 unregistered specimens, 45–54 mm TL, Kikai Island. This study: KAUM-I. 134538, 73.8 mm SL, KAUM-I. 134539, 75.3 mm SL, KUN-P 55665, 75.8 mm SL, Akaren; KAUM-I. 134938, 37.1 mm SL, Nakaguma; KAUM-I. 135074, 54.6 mm SL, KAUM-I. 135075, 61.5 mm SL, Araki; KAUM-I. 146713, 50.7 mm SL, Kamikatetsu; KAUM-I. 147640, 93.4 mm SL, Somachi.

***Abudefduf sordidus* (Forsskål, 1775)**

[Jpn name: Shimasuzumedai]

KAUM-I. 8111, 53.3 mm SL, Urahara.

***Abudefduf vaigiensis* (Quoy & Gaimard, 1825)**

[Jpn name: Oyabitcha]

KAUM-I. 8112, 39.1 mm SL, KAUM-I. 72192, 42.6 mm SL, Urahara; KAUM-I. 72300, 84.6 mm SL, Onotsu; KAUM-I. 135073, 68.9 mm SL, Araki; KAUM-I. 147639, 93.6 mm SL, Somachi; KUN-P 55654, 20.8 mm SL, Nakasato.

***Amphiprion clarkii* (Bennett, 1830)**

[Jpn name: Kumanomi]

Iwatsubo (2018): KAUM-I. 72367, 25.0 mm SL, Keraji. Iwatsubo (2019): KAUM-I. 72367, 25.0 mm SL, Keraji. This study: KAUM-I. 72367, 25.0 mm SL, Keraji; KAUM-I. 146611, 33.3 mm SL, Tekuzuku; KAUM-I. 146688, 22.7 mm SL, Araki.

***Amphiprion frenatus* Brevoort, 1856**

[Jpn name: Hamakumanomi]

KAUM-I. 134874, 17.1 mm SL, KAUM-I. 134875, 78.9 mm SL, KAUM-I. 134876, 60.8 mm SL, Keraji; KAUM-I. 146496, 62.1 mm SL, Tekuzuku.

***Amphiprion perideraion* Bleeker, 1855**

[Jpn name: Hanabirakumanomi]

KAUM-I. 134890, 67.6 mm SL, KAUM-I. 134891, 52.1 mm SL, KAUM-I. 134892, 18.5 mm SL, Sadeku; KAUM-I. 146520, 23.1 mm SL, Shiomichi; KAUM-I. 146716, 31.5 mm SL, Tekuzuku.

***Chromis atripectoralis* Welander & Schultz, 1951**

[Jpn name: Aobasuzumedai]

KAUM-I. 146571, 25.4 mm SL, Keraji.

***Chromis chrysur* (Bliss, 1883)**

[Jpn name: Amamisuzumedai]

Kamohara (1957, as *Chromis isharae*): 1 unregistered specimen, 132 mm TL, Wan. This study: KPM-NI 48951, 119.1 mm SL, Kikai Island; KAUM-I. 147631, 90.2 mm SL, Somachi.***Chromis margaritifera* Fowler, 1946**

[Jpn name: Shikokusuzumedai]

KAUM-I. 134637, 49.4 mm SL, Onotsu; KAUM-I. 146459, 19.0 mm SL, KAUM-I. 146460, 15.3 mm SL, KAUM-I. 146461, 17.1 mm SL, KAUM-I. 146481, 51.0 mm SL, Tekuzuku; KAUM-I. 146661, 30.2 mm SL, KAUM-I. 146662, 22.0 mm SL, Araki.

***Chromis ovatifformes* Fowler, 1946**

[Jpn name: Marusuzumedai]

KAUM-I. 146462, 51.9 mm SL, KAUM-I. 146463, 24.6 mm SL, KAUM-I. 146464, 17.1 mm SL, KAUM-I. 146604, 25.0 mm SL, KAUM-I. 146605, 21.5 mm SL, Tekuzuku; KAUM-I. 146669, 59.2 mm SL, Araki.

***Chromis vanderbilti* (Fowler, 1941)**

[Jpn name: Himesuzumedai]

KAUM-I. 146654, 24.1 mm SL, KAUM-I. 146689, 47.7 mm SL, Araki.

***Chromis viridis* (Cuvier, 1830)**

[Jpn name: Debasuzumedai]

KAUM-I. 134747, 23.3 mm SL, KAUM-I. 134748, 13.5 mm SL, KAUM-I. 134749, 11.9 mm SL, Keraji.

***Chromis xouthos* Allen & Erdmann, 2005**

[Jpn name: Himawarisuzumedai]

Koeda et al. (2016): KAUM-I. 82088, 111.9 mm SL, Kikai Island. Iwatsubo (2018): KAUM-I. 82088, 111.9 mm SL, Kikai Island. Iwatsubo (2019): KAUM-I. 82088, 111.9 mm SL, Kikai Island. This study: KAUM-I. 82088, 111.9 mm SL, Kikai Island.

***Chromis yamakawai* Iwatsubo & Motomura, 2013**

[Jpn name: Kihoshisuzumedai]

KAUM-I. 134661, 76.2 mm SL, Nakasato; KAUM-I. 146804, 92.9 mm SL, Somachi.

***Chrysiptera biocellata* (Quoy & Gaimard, 1825)**

[Jpn name: Sujibuchisuzumedai]

Kamohara (1957, as *Abudefduf biocellatus*): 1 unregistered specimen, 48 mm TL, Wan. Kamohara & Yamakawa (1965, as *Abudefduf biocellatus*): 2 unregistered specimens, 40–45 mm TL, Araki. This study: KAUM-I. 134905, 25.6 mm SL, KAUM-I. 134906, 57.1 mm SL, KAUM-I. 136718, 52.2 mm SL, Shio-michi; KAUM-I. 134993, 20.8 mm SL, KAUM-I. 134994, 16.4 mm SL, Aden; KAUM-I. 135095, 64.8 mm SL, KAUM-I. 135096, 26.2 mm SL, KAUM-I. 135097, 17.0 mm SL, KAUM-I. 135125, 18.4 mm SL, Araki; KAUM-I. 135111, 42.4 mm SL, KAUM-I. 135112, 25.2 mm SL, KAUM-I. 135113, 16.3 mm SL, KAUM-I. 147613, 72.3 mm SL, Keraji.

***Chrysiptera caeruleolineata* (Allen, 1973)**

[Jpn name: Aosujisuzumedai]

Hayashi (1995): YCM-P 31346, 42.6 mm SL, Kikai Island.

***Chrysiptera cyanea* (Quoy & Gaimard, 1825)**

[Jpn name: Rurisuzumedai]

Kamohara (1957, as *Abudefduf cyaneus*): 1 unregistered specimen, 62 mm TL, Somachi. Kamohara & Yamakawa (1968a, as *Abudefduf assimilis*): 2 unregistered specimens, 36–38 mm TL, Kikai Island. This study: KAUM-I. 146746, 36.0 mm SL, Keraji.***Chrysiptera glauca* (Cuvier, 1830)**

[Jpn name: Nezusuzumedai]

Kamohara & Yamakawa (1968a, as *Abudefduf glaucus*): 4 unregistered specimens, 22–42 mm TL, Kikai Island. Iwatsubo (2018): KAUM-I. 72193, 68.5 mm SL, Urahara. Iwatsubo (2019): KAUM-I. 72193, 68.5 mm SL, Urahara. This study: KAUM-I. 72193, 68.5 mm SL, Urahara; KAUM-I. 134940, 15.2 mm SL, KAUM-I. 134941, 21.4 mm SL, KAUM-I. 134942, 12.2 mm SL, Nakaguma; KAUM-I. 135061, 51.2 mm SL, KAUM-I. 135062, 21.6 mm SL, KAUM-I. 135063, 18.5 mm SL, KAUM-I. 135094, 19.7 mm SL, Araki; KUN-P 55650, 21.2 mm SL, KUN-P 55650, 21.2 mm SL, KUN-P 55650, 21.2 mm SL, KUN-P 55651, 22.1 mm SL, KUN-P 55652, 26.2 mm SL, KUN-P 55653, 28.6 mm SL, KUN-P 55656, 67.6 mm SL, KUN-P 55657, 54.9 mm SL, Nakasato.***Chrysiptera leucopoma* (Cuvier, 1830)**

[Jpn name: Miyakokisensuzumedai]

Kamohara (1957, as *Abudefduf albofasciatus*): 3 unregistered specimens, 34–66 mm TL, Kikai Island.***Chrysiptera rex* (Snyder, 1909)**

[Jpn name: Remonsuzumedai]

Kamohara (1957, as *Abudefduf rex*): 5 unregistered specimens, 58–71 mm TL, Somachi. This study: KAUM-I. 134880, 44.7 mm SL, KAUM-I. 146546, 31.8 mm SL, KAUM-I. 146728, 33.6 mm SL, Keraji; KAUM-I. 146718, 33.3 mm SL, Tekuzuku.***Chrysiptera starcki* (Allen, 1973)**

[Jpn name: Senakirurisuzumedai]

KAUM-I. 146612, 44.2 mm SL, Tekuzuku.

***Chrysiptera unimaculata* (Cuvier, 1830)**

[Jpn name: Ichimonsuzumedai]

KAUM-I. 134922, 17.8 mm SL, Shiomichi; KAUM-I. 146547, 25.1 mm SL, Keraji.

***Daseyllus aruanus* (Linnaeus, 1758)**

[Jpn name: Misujiryukyusuzumedai]

KAUM-I. 134750, 44.7 mm SL, KAUM-I. 134751, 30.7 mm SL, KAUM-I. 134752, 21.7 mm SL, KAUM-I. 134753, 22.1 mm SL, KAUM-I. 134754, 18.4 mm SL, KAUM-I. 134755, 19.0 mm SL, KAUM-I. 134756, 15.2 mm SL, KAUM-I. 134786, 38.5 mm SL, KAUM-I. 134787, 32.1 mm SL, KAUM-I. 135114, 36.3 mm SL, KAUM-I. 135115, 29.2 mm SL, KAUM-I. 135116, 15.7 mm SL, Keraji; KAUM-I. 146506, 32.6 mm SL, Onotsu.

***Dascyllus trimaculatus* (Rüppell, 1829)**

[Jpn name: Mitsuboshikurosuzumedai]

KAUM-I. 134831, 17.7 mm SL, Shitooke; KAUM-I. 146687, 13.5 mm SL, Araki; KAUM-I. 147629, 88.0 mm SL, KAUM-I. 147630, 88.0 mm SL, Somachi.

***Neoglyphidodon melas* (Valenciennes, 1830)**

[Jpn name: Kurosuzumedai]

KAUM-I. 134878, 32.6 mm SL, Keraji.

***Neoglyphidodon nigroris* (Cuvier, 1830)**

[Jpn name: Hirenagasuzumedai]

KAUM-I. 134721, 85.2 mm SL, Akaren; KAUM-I. 134740, 29.4 mm SL, KAUM-I. 134792, 51.2 mm SL, KAUM-I. 146540, 25.0 mm SL, Keraji.

***Plectroglyphidodon imparipennis* (Vaillant & Sauvage, 1875)**

[Jpn name: Iwasakisuzumedai]

Kamohara (1957, as *Abudefduf iwasaki*): 3 unregistered specimens, 53–57 mm TL, Somachi. This study: KAUM-I. 146603, 46.0 mm SL, KAUM-I. 146766, 35.9 mm SL, Tekuzuku; KAUM-I. 146691, 41.7 mm SL, Kamikatetsu.***Plectroglyphidodon johnstonianus* Fowler & Ball, 1924**

[Jpn name: Rurimeishigakisuzumedai]

KAUM-I. 146541, 64.8 mm SL, Keraji.

***Plectroglyphidodon lacrymatus* (Quoy & Gaimard, 1825)**

[Jpn name: Rurihoshisuzumedai]

Iwatsubo (2018): KAUM-I. 72332, 39.0 mm SL, Onotsu. Iwatsubo (2019): KAUM-I. 72332, 39.0 mm SL, Onotsu. This study: KAUM-I. 72332, 39.0 mm SL, KAUM-I. 134587, 16.4 mm SL, KAUM-I. 134588, 50.7 mm SL, KAUM-I. 134589, 14.3 mm SL, KAUM-I. 134631, 78.7 mm SL, Onotsu; KAUM-I. 72351, 46.3 mm SL, KAUM-I. 134758, 51.0 mm SL, KAUM-I. 134788, 51.6 mm SL, KAUM-I. 146548, 15.9 mm SL, KAUM-I. 146564, 47.0 mm SL, Keraji; KAUM-I. 146465, 16.8 mm SL, Tekuzuku; KAUM-I. 146637, 22.2 mm SL, Kamikatetsu; KAUM-I. 146660, 36.5 mm SL, KUN-P 55765, 22.7 mm SL, Araki.

***Plectroglyphidodon leucozonus* (Bleeker, 1859)**

[Jpn name: Hakusensuzumedai]

KUN-P 55734, 61.4 mm SL, Aden.

***Plectroglyphidodon phoenixensis* (Schultz, 1943)**

[Jpn name: Fuenikkususuzumedai]

Aonuma (2013): Kikai Island.

***Pomacentrus amboinensis* Bleeker, 1868**

[Jpn name: Nisenettaisuzumedai]

Kamohara (1957, as *Chromis dimidiatus*): 1 unregistered specimen, 78 mm TL, Wan. This study: KAUM-I. 146542, 52.3 mm SL, Keraji; KAUM-I. 146693, 26.9 mm SL, Kamikatetsu.

***Pomacentrus bankanensis* Bleeker, 1854**

[Jpn name: Meganesuzumedai]

Kamohara & Yamakawa (1965, as *Pomacentrus dorsalis*): 1 unregistered specimen, 60 mm TL, Somachi. Iwatsubo (2018): KAUM-I. 72313, 43.8 mm SL, Shiomichi. Iwatsubo (2019): KAUM-I. 72313, 43.8 mm SL, Shiomichi. This study: KAUM-I. 72313, 43.8 mm SL, Shiomichi; KAUM-I. 134596, 63.7 mm SL, Onotsu; KAUM-I. 134746, 22.6 mm SL, Keraji; KAUM-I. 146706, 63.3 mm SL, Kamikatetsu.

***Pomacentrus chrysurus* Cuvier, 1830**

[Jpn name: Ojirosuzumedai]

Yamakawa (1969, as *Pomacentrus flavicauda*): 4 unregistered specimens, 48–61 mm TL, Kikai Island. This study: KAUM-I. 134612, 52.5 mm SL, Onotsu; KAUM-I. 134655, 12.4 mm SL, Nakasato; KAUM-I. 135083, 65.3 mm SL, Araki.

***Pomacentrus lepidogenys* Fowler & Bean, 1928**

[Jpn name: Asadosuzumedai]

KAUM-I. 8098, 25.4 mm SL, Urahara.

***Pomacentrus nagasakiensis* Tanaka, 1917**

[Jpn name: Nagasakisuzumedai]

KAUM-I. 135122, 45.5 mm SL, Araki; KAUM-I. 146507, 64.5 mm SL, Onotsu.

***Pomacentrus philippinus* Evermann & Seale, 1907**

[Jpn name: Fuiripinsuzumedai]

KAUM-I. 134789, 31.8 mm SL, Keraji.

***Pomacentrus taeniometopon* Bleeker, 1852**

[Jpn name: Sumizomesuzumedai]

KAUM-I. 146827, 70.6 mm SL, KAUM-I. 146828, 64.5 mm SL, Araki.

***Pomachromis richardsoni* (Snyder, 1909)**

[Jpn name: Okinawasuzumedai]

Kamohara & Yamakawa (1968b, as *Abudefduf richardsoni*): 1 unregistered specimen, 32 mm TL, Kikai Island.

***Stegastes albifasciatus* (Schlegel & Müller, 1840)**

[Jpn name: Kiobisuzumedai]

KAUM-I. 134860, 67.2 mm SL, KAUM-I. 134877, 77.1 mm SL, KAUM-I. 146543, 56.9 mm SL, Keraji; KAUM-I. 135127, 16.3 mm SL, Araki; KAUM-I. 146482, 31.5 mm SL, Tekuzuku.

***Stegastes fasciolatus* (Ogilby, 1889)**

[Jpn name: Fuchidorisuzumedai]

Iwatsubo (2018): KAUM-I. 72329, 29.4 mm SL, Onotsu. Iwatsubo (2019): KAUM-I. 72329, 29.4 mm SL, Onotsu. This study: KAUM-I. 72329, 29.4 mm SL, Onotsu; KAUM-I. 134757, 24.1 mm SL, KAUM-I. 134865, 18.1 mm SL, Keraji; KAUM-I. 135082, 62.3 mm SL, KAUM-I. 146649, 60.3 mm SL, Araki; KAUM-I. 146601, 52.4 mm SL, KAUM-I. 146610, 29.8 mm SL, Tekuzuku.

***Stegastes insularis* Allen & Emery, 1985**

[Jpn name: Yoronsuzumedai]

KAUM-I. 134590, 45.3 mm SL, Onotsu.

***Stegastes nigricans* (Lacepède, 1802)**

[Jpn name: Kurosorasuzumedai]

KAUM-I. 134861, 27.1 mm SL, KAUM-I. 134862, 34.7 mm SL, KAUM-I. 134879, 34.4 mm SL, Keraji; KAUM-I. 135131, 15.0 mm SL, Araki.

***Stegastes obreptus* (Whitley, 1948)**

[Jpn name: Aisuzumedai]

KAUM-I. 135084, 54.2 mm SL, Araki.

***Stegastes punctatus* (Quoy & Gaimard, 1825)**

[Jpn name: Hananagasuzumedai]

KAUM-I. 134790, 61.9 mm SL, KAUM-I. 134791, 50.7 mm SL, Keraji.

**FAMILY TERAPONTIDAE*****Terapon jarbua* (Forsskål, 1775)**

[Jpn name: Kotohiki]

KAUM-I. 134525, 38.7 mm SL, Akaren.

**FAMILY KUHLIIDAE*****Kuhlia mugil* (Forster, 1801)**

[Jpn name: Gin-yugoi]

Nakamura (2018b): KAUM-I. 72198, 168.8 mm SL, Onotsu. Nakamura (2019b): KAUM-I. 72198, 168.8 mm SL, Onotsu. This study: KAUM-I. 72198, 168.8 mm SL, KAUM-I. 72199, 175.6 mm SL, Onotsu; KAUM-I. 134707, 19.1 mm SL, Shitooke.

***Kuhlia rupestris* (Lacepède, 1802)**

[Jpn name: Okuchiyugoi]

KAUM-I. 132978, 265.7 mm SL, KAUM-I. 132979, 212.0 mm SL, Isaneku; KAUM-I. 134709, 108.8 mm SL, KAUM-I. 134710, 54.8 mm SL, KUN-P 55683, 44.4 mm SL, KUN-P 55684, 56.1 mm SL, KUN-P 55689, 39.4 mm SL, Urahara; KAUM-I. 134958, 50.8 mm SL, KAUM-I. 134959, 41.9 mm SL, Shiramizu; KAUM-I. 135159, 34.8 mm SL, Shitooke.

**FAMILY KYPHOSIDAE*****Kyphosus cinerascens* (Forsskål, 1775)**

[Jpn name: Tenjikuisaki]

KAUM-I. 135166, 116.0 mm SL, KAUM-I. 136999, 117.7 mm SL, Shiomichi.

***Kyphosus vaigiensis* (Quoy & Gaimard, 1825)**

[Jpn name: Isuzumi]

Kamohara (1957, as *Kyphosus lembus*): 1 unregistered specimen, 101 mm TL, Somachi. Nakamura (2018c): KAUM-I. 72301, 201.4 mm SL, Kikai Island. Nakamura (2019c): KAUM-I. 72301, 201.4 mm SL, Kikai Island. This study: KAUM-I. 72301, 201.4 mm SL, Kikai Island.

**FAMILY MICROCANTHIDAE*****Microcanthus strigatus* (Cuvier, 1831)**

[Jpn name: Kagokakidai]

KPM-NI 26382, 110.9 mm SL, Kikai Island.

**FAMILY GIRELLIDAE*****Girella leonina* (Richardson, 1846)**

[Jpn name: Kuromejina]

Kamohara (1957, as *Girella melanichthys*): 4 unregistered specimens, 118–160 mm TL, Somachi. This study: KAUM–I. 8585, 66.5 mm SL, Kikai Island.

***Girella mezinga* Jordan & Starks, 1907**

[Jpn name: Okinamejina]

Kamohara (1957): many unregistered specimens, 85–170 mm TL, Kikai-jjima Island (including Amami-os-hima Island). Kamohara & Yamakawa (1965): Kikai Island. This study: KAUM–I. 87280, 129.5 mm SL, Kikai Island.

**FAMILY POLYNEMIDAE*****Polydactylus sexfilis* (Valenciennes, 1831)**

[Jpn name: Nan-yoagonashi]

KAUM–I. 134837, 72.7 mm SL, Somachi.

**FAMILY LABRIDAE*****Anampses caeruleopunctatus* Rüppell, 1829**

[Jpn name: Buchisusukibera]

Kamohara (1957): 2 unregistered specimens, 124–206 mm TL, Wan.

***Anampses meleagrides* Valenciennes, 1840**

[Jpn name: Hokutobera]

Kamohara (1957): 1 unregistered specimen, 127 mm TL, Wan. This study: KAUM–I. 15382, 126.6 mm SL, Sakamine.

***Anampses twistii* Bleeker, 1856**

[Jpn name: Hoshisusukibera]

Kamohara (1957): 1 unregistered specimen, 115 mm TL, Onotsu.

***Bodianus bilunulatus* (Lacepède, 1801)**

[Jpn name: Kitsunebera]

Kamohara (1957, as *Lepidaplois hirsutus*): 1 unregistered specimen, 186 mm TL, Wan.

***Bodianus perditio* (Quoy & Gaimard, 1834)**

[Jpn name: Takibera]

KAUM–I. 146797, 100.5 mm SL, Akaren.

***Cheilinus chlorourus* (Bloch, 1791)**

[Jpn name: Akatemmochinouo]

Kamohara (1957, as *Cheilinus chlorourus*): 1 unregistered specimen, 94 mm TL, Somachi.

***Cheilinus fasciatus* (Bloch, 1791)**

[Jpn name: Yashabera] (Fig. 3D)

Underwater photograph, off Kamikatetsu.



***Cheilinus trilobatus* Lacepède, 1801**

[Jpn name: Mitsubamochinouo]

Fukui (2018): KAUM-I. 72498, 201.1 mm SL, Onotsu. Motomura (2019b): KAUM-I. 72498, 201.1 mm SL, Onotsu. This study: KAUM-I. 72498, 201.1 mm SL, KAUM-I. 134591, 41.4 mm SL, Onotsu.

***Choerodon fasciatus* (Günther, 1867)**

[Jpn name: Shichisembera] (Fig. 3E)

Underwater photograph, off Araki.

***Coris aygula* Lacepède, 1801**

[Jpn name: Kammuribera]

Hayashi (1995): YCM-P 30418, 86.5 mm SL, Kikai Island. Fukui (2018): KAUM-I. 72352, 86.3 mm SL, Keraji. Motomura (2019b): KAUM-I. 72352, 86.3 mm SL, Keraji. This study: KAUM-I. 15521, 153.4 mm SL, KAUM-I. 15523, 145.0 mm SL, KAUM-I. 15524, 143.5 mm SL, KAUM-I. 72352, 86.3 mm SL, KAUM-I. 134881, 70.7 mm SL, Keraji; KAUM-I. 134716, 142.8 mm SL, Akaren.

***Coris dorsomacula* Fowler, 1908**

[Jpn name: Sujibera]

KAUM-I. 146724, 41.9 mm SL, Tekuzuku.

***Coris gaimard* (Quoy & Gaimard, 1824)**

[Jpn name: Tsuyubera]

KAUM-I. 146609, 46.6 mm SL, Tekuzuku; KAUM-I. 146749, 45.3 mm SL, Keraji.

***Gomphosus varius* Lacepède, 1801**

[Jpn name: Kugibera]

Kamohara (1957): 1 unregistered specimen, 48 mm TL, Somachi. Kamohara & Yamakawa (1965): 1 unregistered specimen, 128 mm TL, Somachi.

***Halichoeres biocellatus* Schultz, 1960**

[Jpn name: Nishikiyusen]

KAUM-I. 15192, 90.3 mm SL, Keraji.

***Halichoeres chrysus* Randall, 1981**

[Jpn name: Koganekiyusen]

KAUM-I. 146479, 29.8 mm SL, Tekuzuku.

***Halichoeres hortulanus* (Lacepède, 1801)**

[Jpn name: Tokarabera]

Kamohara (1957, as *Halichoeres centriquadrus*): 1 unregistered specimen, 122 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Halichoeres centriquadrus*): 6 unregistered specimens, 39–119 mm TL, Somachi. Fukui (2018): KAUM-I. 72330, 44.3 mm SL, Onotsu. Motomura (2019b): KAUM-I. 72330, 44.3 mm SL, Onotsu. This study: KAUM-I. 72330, 44.3 mm SL, Onotsu; KAUM-I. 146549, 21.0 mm SL, KAUM-I. 146741, 20.7 mm SL, Keraji.

***Halichoeres margaritaceus* (Valenciennes, 1839)**

[Jpn name: Akanijibera]

Kamohara (1957): 2 unregistered specimens, 48–55 mm TL, Wan; 3 unregistered specimens, 55–73 mm TL, Somachi. This study: KAUM-I. 15530, 106.5 mm SL, Keraji.

***Halichoeres marginatus* Rüppell, 1835**

[Jpn name: Kanokobera]

Kamohara (1957): 1 unregistered specimen, 162 mm TL, Somachi. Kamohara & Yamakawa (1965): 1 unregistered specimen, 165 mm TL, Somachi. This study: KAUM-I. 15363, 138.5 mm SL, KAUM-I. 15380, 106.9 mm SL, Sakamine; KAUM-I. 72356, 45.8 mm SL, Keraji; KAUM-I. 134649, 28.2 mm SL, KUN-P 55645, 34.6 mm SL, Nakasato; KAUM-I. 134944, 24.3 mm SL, Nakaguma.

***Halichoeres melanochir* Fowler & Bean, 1928**

[Jpn name: Munatembera]

KAUM-I. 15402, 121.2 mm SL, Sakamine; KAUM-I. 72343, 141.8 mm SL, KAUM-I. 134804, 55.3 mm SL, Keraji; KAUM-I. 134833, 38.0 mm SL, Shitooke.

***Halichoeres melanurus* (Bleeker, 1851)**

[Jpn name: Kazarikyusen]

KAUM-I. 15298, 79.1 mm SL, Sakamine.

***Halichoeres prosopion* (Bleeker, 1853)**

[Jpn name: Munatemberadamashi]

Kamohara (1957): 1 unregistered specimen, 68 mm TL, Somachi.

***Halichoeres scapularis* (Bennett, 1832)**

[Jpn name: Seitembera]

Kamohara (1957): 1 unregistered specimen, 61 mm TL, Wan. Kamohara & Yamakawa (1965): 2 unregistered specimens, 55–62 mm TL, Araki; 5 unregistered specimens, 48–70 mm TL, Somachi.

***Halichoeres tenuispinis* (Günther, 1862)**

[Jpn name: Hombera]

Kamohara (1957): 1 unregistered specimen, 81 mm TL, Somachi. Shimada (2013): Kikai Island.

***Halichoeres trimaculatus* (Quoy & Gaimard, 1834)**

[Jpn name: Mitsuboshikyusen]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 60 mm TL, Tekuzuku; 1 unregistered specimen, 73 mm TL, Araki. This study: KAUM-I. 135101, 42.5 mm SL, Araki; KAUM-I. 135027, 79.8 mm SL, Shiomichi; KAUM-I. 146742, 26.3 mm SL, KAUM-I. 146756, 42.7 mm SL, Keraji.

***Hemigymnus fasciatus* (Bloch, 1792)**

[Jpn name: Shimatarekuchibera]

KPM-NI 26368, 169.7 mm SL, Kikai Island.

***Hemigymnus melapterus* (Bloch, 1791)**

[Jpn name: Tarekuchibera]

KUN-P 55760, 17.6 mm SL, Araki.

***Hologymnosus annulatus* (Lacepède, 1801)**

[Jpn name: Namerabera]

KAUM-I. 134928, 159.4 mm SL, Somachi.

***Hologymnosus doliatus* (Lacepède, 1801)**

[Jpn name: Shirotasukibera] (Fig. 3F)

Underwater photograph, off Tekuzuku.

***Labrichthys unilineatus* (Guichenot, 1847)**

[Jpn name: Kurobera]

Fukui (2018): KAUM-I. 72369, 36.1 mm SL, Keraji. Motomura (2019b): KAUM-I. 72369, 36.1 mm SL, Keraji. This study: KAUM-I. 72369, 36.1 mm SL, KAUM-I. 134800, 23.8 mm SL, KAUM-I. 134801, 20.4 mm SL, KAUM-I. 134802, 27.8 mm SL, Keraji.

***Labroides bicolor* Fowler & Bean, 1928**

[Jpn name: Somewakebera]

Kamohara (1957): 1 unregistered specimen, 112 mm TL, Wan.

***Labroides dimidiatus* (Valenciennes, 1839)**

[Jpn name: Honsomewakebera]

Kamohara (1957): 1 unregistered specimen, 72 mm TL, Somachi; 1 unregistered specimen, 65 mm TL, Wan. Kamohara & Yamakawa (1965): 2 unregistered specimens, 46–53 mm TL, Tekuzuku; 1 unregistered specimen, 65 mm SL, Somachi. This study: KAUM-I. 146624, 14.5 mm SL, Tekuzuku.

***Macropharyngodon meleagris* (Valenciennes, 1839)**

[Jpn name: Nodogurobera]

Kamohara (1957, as *Macropharyngodon pardalis*): 1 unregistered specimen, 58 mm TL, Somachi. This study: KAUM-I. 134614, 16.1 mm SL, Onotsu; KAUM-I. 146717, 39.0 mm SL, Tekuzuku.

***Pteragogus* sp.**

[Jpn name: N/A]

Kamohara (1957, as *Duymaeria flagellifera*): 1 unregistered specimen, 85 mm TL, Somachi.

Remarks. The taxonomy of *Pteragogus* spp. distributed in the Ryukyu Islands is currently problematic, precluding a definitive species identification.

***Pseudocheilinus hexataenia* (Bleeker, 1857)**

[Jpn name: Nisemochinouo]

KAUM-I. 146544, 52.3 mm SL, Keraji.

***Pseudocheilinus octotaenia* Jenkins, 1901**

[Jpn name: Yasujinisemochinouo]

KAUM-I. 146585, 15.6 mm SL, Kamikatetsu.

***Pseudocoris yamashiroi* (Schmidt, 1931)**

[Jpn name: Yamashirobera]

Hayashi (1995): YCM-P 30417, 107.7 mm SL, Kikai Island.

***Stethojulis bandanensis* (Bleeker, 1851)**

[Jpn name: Akaobibera]

Hayashi (1995): YCM-P 30420, 78.2 mm SL, Kikai Island. This study: KAUM-I. 135126, 46.3 mm SL, Araki.

***Stethojulis interrupta terina* Jordan & Snyder, 1902**

[Jpn name: Kaminaribera]

Kamohara (1957, as *Stethojulis kalosoma*): 1 unregistered specimen, 126 mm TL, Wan. Kamohara & Yamakawa (1965, as *Stethojulis kalosoma*): 1 unregistered specimen, 102 mm TL, Araki; 1 unregistered specimen, 102 mm TL, Somachi.

***Stethojulis maculata* Schmidt, 1931**

[Jpn name: Sumitsukikaminaribera]

Hayashi (1995): YCM-P 30416, 114.3 mm SL, Kikai Island. This study: KAUM-I. 15529, 120.0 mm SL, Keraji.

***Stethojulis strigiventer* (Bennett, 1833)**

[Jpn name: Harasujibera]

Kamohara & Yamakawa (1968a): 1 unregistered specimen, 85 mm TL, Kikai Island. This study: KAUM-I. 72197, 55.4 mm SL, Urahara.

***Stethojulis trilineata* (Bloch & Schneider, 1801)**

[Jpn name: Onibera]

Kamohara (1957, as *Stethojulis phekadopleura*): 5 unregistered specimens, 58–120 mm TL, Wan. Kamohara & Yamakawa (1968a): 1 unregistered specimen, 130 mm TL, Kikai Island.

***Thalassoma cupido* (Temminck & Schlegel, 1845)**

[Jpn name: Nishikibera]

Hayashi (1995): YCM-P 30419, 90.9 mm SL, Kikai Island. Fukui (2018, as *Thalassoma trilobatum*): KAUM-I. 72339, 23.6 mm SL, Onotsu. Motomura (2019b): KAUM-I. 72339, 23.6 mm SL, Onotsu. This study: KAUM-I. 19866, 76.7 mm SL, Keraji; KAUM-I. 72339, 23.6 mm SL, Onotsu.

***Thalassoma hardwicke* (Bennett, 1830)**

[Jpn name: Senasujibera]

Kamohara (1957): 1 unregistered specimen, 112 mm TL, Somachi. Kamohara & Yamakawa (1965): 2 unregistered specimens, 51–60 mm TL, Araki; 1 unregistered specimen, 108 mm TL, Somachi. Fukui (2018): KAUM-I. 72375, 28.2 mm SL, KAUM-I. 72385, 49.2 mm SL, Keraji. Motomura (2019b): KAUM-I. 72375, 28.2 mm SL, KAUM-I. 72385, 49.2 mm SL, Keraji. This study: KAUM-I. 72375, 28.2 mm SL, KAUM-I. 72381, 33.5 mm SL, KAUM-I. 72385, 49.2 mm SL, KAUM-I. 72386, 43.0 mm SL, Keraji.

***Thalassoma lutescens* (Lay & Bennett, 1839)**

[Jpn name: Yamabukibera]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 88 mm TL, Somachi. Hayashi (1995): YCM-P 30415, 39.0 mm SL, Kikai Island. This study: KAUM-I. 15536, 123.6 mm SL, KAUM-I. 19865, 117.7 mm SL, KAUM-I. 134871, 23.5 mm SL, Keraji; KAUM-I. 134662, 123.6 mm SL, KAUM-I. 134663, 95.6 mm SL, KAUM-I. 134664, 82.8 mm SL, KAUM-I. 134929, 93.0 mm SL, KAUM-I. 146782, 154.6 mm SL, KAUM-I. 146814, 149.4 mm SL, KAUM-I. 146815, 94.9 mm SL, KAUM-I. 147636, 147.3 mm SL, KAUM-I. 147637, 104.6 mm SL, KAUM-I. 147638, 91.6 mm SL, KUN-P 55663, 94.3 mm SL, KUN-P 55666, 88.5 mm SL, Somachi; KAUM-I. 135068, 92.0 mm SL, Araki; KAUM-I. 146783, 101.3 mm SL, KAUM-I. 146791, 83.1 mm SL, Akaren.

***Thalassoma purpureum* (Forsskål, 1775)**

[Jpn name: Kinubera]

KAUM-I. 72321, 22.4 mm SL, Somachi.

**FAMILY SCARIDAE*****Calotomus carolinus* (Valenciennes, 1840)**

[Jpn name: Taiwambudai]

Sakurai (2018b): KAUM-I. 72467, 241.3 mm SL, Somachi. Sakurai (2019b): KAUM-I. 72467, 241.3 mm SL, Somachi. This study: KAUM-I. 72467, 241.3 mm SL, Somachi; KAUM-I. 72489, 202.7 mm SL, Aden.

***Cetoscarus ocellatus* (Valenciennes, 1840)**

[Jpn name: Irobudai]

Sakurai (2018b): KAUM-I. 72500, 343.7 mm SL, Onotsu. Sakurai (2019b): KAUM-I. 72500, 343.7 mm SL, Onotsu. This study: KAUM-I. 72500, 343.7 mm SL, Onotsu; KAUM-I. 130225, 416.0 mm SL, Kikai Island.

***Chlorurus bowersi* (Snyder, 1909)**

[Jpn name: Omonhagebudai] (Fig. 3G)

Underwater photograph, off Keraji.

***Chlorurus frontalis* (Valenciennes, 1840)**

[Jpn name: Onihagebudai]

Sakurai (2018b): KAUM-I. 72468, 177.0 mm SL, Somachi. Sakurai (2019b): KAUM-I. 72468, 177.0 mm SL, Somachi. This study: KAUM-I. 72468, 177.0 mm SL, Somachi.

***Chlorurus microrhinos* (Bleeker, 1854)**

[Jpn name: Nan-yobudai]

Kamohara (1957, as *Chlorurus microrhinos*): 1 unregistered specimen, 190 mm TL, Wan. This study: KAUM-I. 72506, 151.7 mm SL, Onotsu.

***Chlorurus spilurus* (Valenciennes, 1840)**

[Jpn name: Hagebudai]

Kamohara (1957, as *Xanophon sordidus*): 1 unregistered specimen, 305 mm TL, Wan. This study: KAUM-I. 134642, 274.1 mm SL, Onotsu; KAUM-I. 147621, 226.0 mm SL, Kamikatetsu.

***Leptoscarus vaigiensis* (Quoy & Gaimard, 1824)**

[Jpn name: Mizorebudai]

Kamohara (1957, as *Leptoscarus caeruleopunctatus*): 1 unregistered specimen, 123 mm TL, Wan.

***Scarus forsteni* (Bleeker, 1861)**

[Jpn name: Ichimonjibudai]

Kamohara (1957, as *Callyodon forsteni*): 1 unregistered specimen, 195 mm TL, Wan. Sakurai (2018b): KAUM-I. 72456, 233.8 mm SL, Somachi. Sakurai (2019b): KAUM-I. 72456, 233.8 mm SL, Somachi. This study: KAUM-I. 72456, 233.8 mm SL, Somachi; KAUM-I. 72488, 254.7 mm SL, Aden.

***Scarus hypselopterus* Bleeker, 1853**

[Jpn name: Kibirebudai]

Sakurai (2018b): KAUM-I. 72508, 168.2 mm SL, Onotsu. Sakurai (2019b): KAUM-I. 72508, 168.2 mm SL, Onotsu. This study: KAUM-I. 72508, 168.2 mm SL, Onotsu.

***Scarus prasiognathos* Valenciennes, 1840**

[Jpn name: Nishikibudai]

KAUM-I. 72487, 162.6 mm SL, Aden.

***Scarus psittacus* Forsskål, 1775**

[Jpn name: Omubudai]

Kamohara (1957, as *Xanophon oktodon*): 1 unregistered specimen, 91 mm TL, Wan; 1 unregistered specimen, 119 mm TL, Somachi. Sakurai (2018b): KAUM-I. 72411, 157.9 mm SL, Keraji. Sakurai (2019b): KAUM-I. 72411, 157.9 mm SL, Keraji. This study: KAUM-I. 72411, 157.9 mm SL, KAUM-I. 146569, 44.8 mm SL,

Keraji; KAUM-I. 72471, 167.6 mm SL, KAUM-I. 72475, 219.1 mm SL, Somachi; KAUM-I. 72486, 185.1 mm SL, Aden; KAUM-I. 135081, 210.0 mm SL, Araki; KAUM-I. 146630, 61.6 mm SL, Kamikatetsu.

***Scarus rivulatus* Valenciennes, 1840**

[Jpn name: Sujibudai]

KAUM-I. 134917, 318.2 mm SL, Shiomichi.

***Scarus rubroviolaceus* Bleeker, 1847**

[Jpn name: Nagabudai]

Kamohara & Yamakawa (1965): 2 unregistered specimens, 343–345 mm TL, Somachi. This study: KAUM-I. 72466, 326.9 mm SL, Shiramizu; KAUM-I. 146638, 26.4 mm SL, Kamikatetsu.

***Scarus xanthopleura* Bleeker, 1853**

[Jpn name: Akabudai]

KAUM-I. 131313, 454.0 mm SL, Kikai Island.

**FAMILY PINGUIPEDIDAE**

***Parapercis cylindrica* (Bloch, 1792)**

[Jpn name: Dandaratoragisu]

Kamohara (1957, as *Cilias synaphodesmus*): 1 unregistered specimen, 113 mm TL, Somachi. This study: KAUM-I. 134903, 73.3 mm SL, Shiomichi; KAUM-I. 135071, 96.1 mm SL, KAUM-I. 135072, 98.6 mm SL, Araki; KAUM-I. 146557, 71.5 mm SL, KAUM-I. 146558, 72.9 mm SL, KAUM-I. 146566, 65.4 mm SL, Keraji.

***Parapercis millepunctata* (Günther, 1860)**

[Jpn name: Wanuketoragisu]

KAUM-I. 134930, 103.5 mm SL, Somachi; KAUM-I. 146795, 124.0 mm SL, Akaren.

***Parapercis pacifica* Imamura & Yoshino, 2007**

[Jpn name: Ogurotoragisu]

KAUM-I. 134530, 122.5 mm SL, KAUM-I. 134720, 97.5 mm SL, Akaren; KAUM-I. 146582, 68.7 mm SL, Kamikatetsu; KAUM-I. 146823, 89.6 mm SL, Araki.

***Parapercis xanthozona* (Bleeker, 1849)**

[Jpn name: Ojirotoragisu]

Kamohara & Yamakawa (1968a): 1 unregistered specimen, 67 mm TL, Kikai Island.

**FAMILY CREEDIIDAE**

***Limnichthys fasciatus* Waite, 1904**

[Jpn name: Tobigimpo]

Kamohara & Yamakawa (1968b): 3 unregistered specimens, 25–46 mm TL, Kikai Island. This study: KAUM-I. 146587, 25.0 mm SL, Kamikatetsu.

**FAMILY TRIPTERYGIIDAE**

***Enneapterygius theostoma* (Jordan & Snyder, 1902)**

[Jpn name: Hebigimpo]

Tashiro (2018): KAUM-I. 72325, 18.3 mm SL, Onotsu. Tashiro (2019): KAUM-I. 72325, 18.3 mm SL, Onotsu. This study: KAUM-I. 8092, 39.5 mm SL, Urahara; KAUM-I. 36037, 21.6 mm SL, Akaren; KAUM-I. 72325, 18.3 mm SL, Onotsu; KAUM-I. 135046, 35.2 mm SL, Araki.

***Enneapterygius flavoccipitis* Shen, 1994**

[Jpn name: Erimakihebigimpo]

Tashiro (2018): KAUM-I. 72345, 20.2 mm SL, Keraji. Tashiro (2019): KAUM-I. 72345, 20.2 mm SL, Keraji. This study: KAUM-I. 72345, 20.2 mm SL, Keraji; KAUM-I. 146527, 18.6 mm SL, Shiomichi; KAUM-I. 146589, 18.5 mm SL, Kamikatetsu; KAUM-I. 146617, 16.3 mm SL, KAUM-I. 146726, 16.0 mm SL, Tekuzuku.

***Enneapterygius phoenicosoma* Motomura, Ota & Meguro, 2015**

[Jpn name: Akahebigimpo]

KAUM-I. 146752, 24.8 mm SL, Keraji.

***Enneapterygius* sp. 1**

[Jpn name: N/A]

Tashiro (2018): KAUM-I. 72307, 18.3 mm SL, Somachi. Tashiro (2019): KAUM-I. 72307, 18.3 mm SL, Somachi. This study: KAUM-I. 72307, 18.3 mm SL, Somachi.

***Enneapterygius* sp. 2**

[Jpn name: N/A]

Tashiro (2018): KAUM-I. 72344, 23.5 mm SL, Keraji. Tashiro (2019): KAUM-I. 72344, 23.5 mm SL, Keraji. This study: KAUM-I. 72344, 23.5 mm SL, Keraji; KAUM-I. 146671, 18.5 mm SL, Araki; KAUM-I. 146694, 22.6 mm SL, Kamikatetsu.

***Enneapterygius tutuilae* Jordan & Seale, 1906**

[Jpn name: Segurohebigimpo]

Tashiro (2018): KAUM-I. 72305, 19.4 mm SL, Somachi. Tashiro (2019): KAUM-I. 72305, 19.4 mm SL, Somachi. This study: KAUM-I. 72305, 19.4 mm SL, Somachi; KAUM-I. 72346, 19.8 mm SL, KAUM-I. 72383, 19.4 mm SL, KAUM-I. 72384, 19.6 mm SL, KAUM-I. 134781, 17.8 mm SL, KAUM-I. 134782, 18.5 mm SL, KAUM-I. 134805, 18.4 mm SL, Keraji; KAUM-I. 134615, 18.1 mm SL, KAUM-I. 134620, 19.6 mm SL, Onotsu.

***Helcogramma fuscipectoris* (Fowler, 1946)**

[Jpn name: Kuromasuku]

Tashiro (2018): KAUM-I. 72323, 14.6 mm SL, KAUM-I. 72324, 18.2 mm SL, Onotsu. Tashiro (2019): KAUM-I. 72323, 14.6 mm SL, KAUM-I. 72324, 18.2 mm SL, Onotsu. This study: KAUM-I. 72323, 14.6 mm SL, KAUM-I. 72324, 18.2 mm SL, Onotsu.

***Helcogramma inclinata* (Fowler, 1946)**

[Jpn name: Ayahebigimpo]

KAUM-I. 72306, 42.7 mm SL, Somachi.

***Norfolkia brachylepis* (Schultz, 1960)**

[Jpn name: Kokutennisehebigimpo]

Tashiro (2018): KAUM-I. 72303, 38.1 mm SL, KAUM-I. 72304, 37.4 mm SL, Somachi; KAUM-I. 72354, 10.5 mm SL, Keraji. Tashiro (2019): KAUM-I. 72303, 38.1 mm SL, KAUM-I. 72304, 37.4 mm SL, Somachi; KAUM-I. 72354, 10.5 mm SL, Keraji. This study: KAUM-I. 72303, 38.1 mm SL, KAUM-I. 72304, 37.4 mm SL, Somachi; KAUM-I. 72354, 10.5 mm SL, Keraji.

***Norfolkia thomasi* Whitley, 1964**

[Jpn name: Nisehebigimpo]

KAUM-I. 72308, 23.5 mm SL, Somachi.

**FAMILY BLENNIIDAE*****Aspidontus taeniatus* Quoy & Gaimard, 1834**

[Jpn name: Nisekurosujigimpo]

KAUM-I. 146695, 91.7 mm SL, Kamikatetsu.

***Atrosalarias holomelas* (Günther, 1872)**

[Jpn name: Indokaeruo]

Kawama (2018): KAUM-I. 72372, 42.2 mm SL, Keraji. Kawama (2019): KAUM-I. 72372, 42.2 mm SL, Keraji. This study: KAUM-I. 72372, 42.2 mm SL, Keraji.

***Blenniella bilitonensis* (Bleeker, 1858)**

[Jpn name: Hohogurogimpo]

Kamohara (1957, as *Istiblennius bilitonensis*): 1 unregistered specimen, 122 mm TL, Somachi.***Blenniella periophthalmus* (Valenciennes, 1836)**

[Jpn name: Hanakaeruo]

Kamohara & Yamakawa (1965, as *Istiblennius periophthalmus*): 1 unregistered specimen, 115 mm TL, Somachi.***Cirripectes castaneus* (Valenciennes, 1836)**

[Jpn name: Tategamikaeruo]

KAUM-I. 146476, 52.0 mm SL, KAUM-I. 146477, 27.8 mm SL, KAUM-I. 146619, 45.6 mm SL, KAUM-I. 146765, 43.5 mm SL, KAUM-I. 146767, 35.6 mm SL, Tekuzuku; KAUM-I. 146682, 43.1 mm SL, Araki.

***Cirripectes imitator* Williams, 1985**

[Jpn name: Amimeminokaeruo]

KAUM-I. 146681, 60.8 mm SL, Araki; KAUM-I. 146704, 79.1 mm SL, Keraji.

***Crossosalarias macrospilus* Smith-Vaniz & Springer, 1971**

[Jpn name: Erigurogimpo]

KAUM-I. 72188, 39.0 mm SL, Urahara; KAUM-I. 146517, 39.7 mm SL, Shiomichi.

***Ecsenius bicolor* (Day, 1888)**

[Jpn name: Futairokaeruo]

KAUM-I. 134765, 29.7 mm SL, KAUM-I. 134766, 29.5 mm SL, KAUM-I. 146755, 40.0 mm SL, Keraji; KAUM-I. 146486, 36.7 mm SL, Tekuzuku.

***Ecsenius oculus* Springer, 1971**

[Jpn name: Goishigimpo]

KAUM-I. 146512, 23.2 mm SL, Tekuzuku; KAUM-I. 146555, 34.5 mm SL, Keraji.

***Ecsenius yaeyamaensis* (Aoyagi, 1954)**

[Jpn name: Ishigakikaeruo]

Kamohara & Yamakawa (1965, as *Istiblennius yaeyamaensis*): 1 unregistered specimen, 44 mm TL, Somachi. Yamakawa (1969, as *Istiblennius yaeyamaensis*): 1 unregistered specimen, 23 mm TL, Kikai Island. Kawama (2018): KAUM-I. 72363, 38.0 mm SL, Keraji. Kawama (2019): KAUM-I. 72363, 38.0 mm SL, Keraji. This study: KAUM-I. 72363, 38.0 mm SL, KAUM-I. 134783, 32.4 mm SL, KAUM-I. 134784, 21.6 mm SL, KAUM-I. 134818, 48.3 mm SL, KAUM-I. 134819, 32.5 mm SL, KAUM-I. 134885, 36.8 mm SL, KAUM-I. 146753, 30.0 mm SL, Keraji; KAUM-I. 146497, 43.7 mm SL, Tekuzuku; KAUM-I. 146576, 32.5 mm SL, Kamikatetsu.



***Enchelyurus kraussii* (Klunzinger, 1871)**

[Jpn name: Kurogimpo]

KUN-P 55649, 27.7 mm SL, Nakasato.

***Entomacrodus decussatus* (Bleeker, 1858)**

[Jpn name: Kikaikaeruo]

Aoyagi (1954, as *Salarias kikaiensis*): YCM-P 30815, 112.6 mm SL, YCM-P 308161, 2 specimens, 94.4–101.7 mm SL, Kikai Island. Kamohara & Yamakawa (1968a, as *Istiblennius kikaiensis*): 1 unregistered specimen, 100 mm TL, Kikai Island. Hayashi (1995, as *Istiblennius chrysospilos*): YCM-P 30815, 112.6 mm SL, YCM-P 308161, 2 specimens, 94.4–101.7 mm SL, Kikai Island.

***Entomacrodus niuafoouensis* (Fowler, 1932)**

[Jpn name: Keshogimpo]

KPM-NI 41248, 41.9 mm SL, Kikai Island.

***Exallias brevis* (Kner, 1868)**

[Jpn name: Sedakagimpo]

KAUM-I. 15535, 88.0 mm SL, Keraji; KAUM-I. 146475, 41.7 mm SL, Tekuzuku.

***Istiblennius edentulus* (Forster & Schneider, 1801)**

[Jpn name: Nisekaeruo]

KAUM-I. 135043, 87.7 mm SL, KAUM-I. 135044, 72.7 mm SL, KAUM-I. 135045, 29.0 mm SL, KAUM-I. 135100, 77.6 mm SL, Araki; KUN-P 55647, 38.7 mm SL, KUN-P 55648, 24.5 mm SL, Nakasato; KUN-P 55741, 21.4 mm SL, Aden.

***Istiblennius lineatus* (Valenciennes, 1836)**

[Jpn name: Senkaeruo]

Kamohara (1957): 2 unregistered specimens, 90–97 mm TL, Wan. This study: KAUM-I. 134981, 77.9 mm SL, Aden; KAUM-I. 135041, 80.3 mm SL, KAUM-I. 135042, 62.3 mm SL, Araki.

***Meiacanthus atrodorsalis* (Günther, 1877)**

[Jpn name: Ogonnijigimpo]

Kawama (2018): KAUM-I. 72311, 72.5 mm SL, Somachi. Kawama (2019): KAUM-I. 72311, 72.5 mm SL, Somachi. This study: KAUM-I. 72311, 72.5 mm SL, Somachi.

***Meiacanthus kamoharai* Tomiyama, 1956**

[Jpn name: Kamoharagimpo]

Kamohara (1957): 1 unregistered specimen, 89 mm TL, Wan. Kamohara & Yamakawa (1965): 1 unregistered specimen, 100 mm TL, Somachi. This study: KAUM-I. 15532, 79.8 mm SL, Keraji.

***Nannosalarias nativitatis* (Regan, 1909)**

[Jpn name: Hinagimpo]

KPM-NI 41250, 25.7 mm SL, Kikai Island.

***Omobranchus elongatus* (Peters, 1855)**

[Jpn name: Gomakumogimpo]

Aoyagi (1955, as *Petrosirtes elegans*): YCM-P 31147, 36.8 mm SL, Kikai Island. Hayashi (1995): YCM-P 31147, 36.8 mm SL, Kikai Island.

***Omobranchus loxozonus* (Jordan & Starks, 1906)**

[Jpn name: Kumogimpo]

Kamohara (1957): 1 unregistered specimen, 45 mm TL, Wan. This study: KAUM-I. 134980, 48.7 mm SL, KAUM-I. 134996, 43.9 mm SL, KAUM-I. 134997, 33.9 mm SL, Aden.

***Parablennius yatabei* (Jordan & Snyder, 1900)**

[Jpn name: Isogimpo]

Aoyagi (1955, as *Blennius tasmanianus*): YCM-P 31147, 36.8 mm SL, Kikai Island. Hayashi (1995): YCM-P 31446, 62.4 mm SL, Kikai Island.

***Parenchelyurus hepburni* (Snyder, 1908)**

[Jpn name: Karasugimpo]

Yamakawa (1971, as *Omobranchus hepburni*): 1 unregistered specimen, 26 mm TL, Kikai Island. This study: KAUM-I. 135049, 26.0 mm SL, KAUM-I. 135050, 36.2 mm SL, Araki.

***Petroscirtes breviceps* (Valenciennes, 1836)**

[Jpn name: Nijigimpo]

Kamohara (1957, as *Dasson trossulus*): 1 unregistered specimen, 91 mm TL, Wan.

***Petroscirtes mitratus* Rüppell, 1830**

[Jpn name: Hatatategimpo]

KAUM-I. 134863, 13.6 mm SL, Keraji.

***Plagiotremus tapeinosoma* (Bleeker, 1857)**

[Jpn name: Tenkurosujigimpo]

Kamohara & Yamakawa (1965, as *Aspidontus tapeinosoma*): 1 unregistered specimen, 69 mm TL, Somachi. This study: KAUM-I. 146550, 84.4 mm SL, KAUM-I. 146551, 75.5 mm SL, Keraji.

***Praealticus bilineatus* (Peters, 1868)**

[Jpn name: Tamagimpo]

Kamohara (1957, as *Istiblennius margaritarius*): 2 unregistered specimens, 44–81 mm TL, Wan; 1 unregistered specimen, 75 mm TL, Onotsu. Kawama (2018): KAUM-I. 72189, 37.9 mm SL, Urahara. Kawama (2019): KAUM-I. 72189, 37.9 mm SL, Urahara. This study: KAUM-I. 72189, 37.9 mm SL, Urahara; KAUM-I. 134972, 56.3 mm SL, KAUM-I. 134973, 59.1 mm SL, KAUM-I. 134974, 55.1 mm SL, KAUM-I. 134975, 51.2 mm SL, Aden; KAUM-I. 135047, 52.4 mm SL, KAUM-I. 135048, 49.5 mm SL, Araki.

***Praealticus tanegasimae* (Jordan & Starks, 1906)**

[Jpn name: Tanegimpo]

Hayashi (1995): YCM-P 31290, 2 specimens, 64.3–66.2 mm SL, Kikai Island. KAUM-I. 134970, 49.8 mm SL, KAUM-I. 134976, 55.1 mm SL, KAUM-I. 134977, 60.9 mm SL, KAUM-I. 134978, 49.8 mm SL, KAUM-I. 134979, 51.9 mm SL, Aden.

***Rhabdoblennius nitidus* (Günther, 1861)**

[Jpn name: Rosokugimpo]

KPM-NI 41249, 33.5 mm SL, Kikai Island.

***Salarias fasciatus* (Bloch, 1786)**

[Jpn name: Yaeyamagimpo]

Kamohara & Yamakawa (1965): 4 unregistered specimens, 73–144 mm TL, Tekuzuku; 1 unregistered specimen, 145 mm TL, Araki; 3 unregistered specimens, 107–110 mm TL, Somachi.

***Salarias luctuosus* Whitley, 1929**

[Jpn name: Shimagimpo]

KAUM-I. 8109, 52.2 mm SL, KAUM-I. 8110, 32.2 mm SL, Urahara; KAUM-I. 134688, 25.7 mm SL, Shiomichi; KAUM-I. 134820, 25.8 mm SL, KAUM-I. 146570, 31.3 mm SL, KAUM-I. 146754, 38.6 mm SL, Keraji; KAUM-I. 134937, 52.6 mm SL, KAUM-I. 134943, 49.1 mm SL, Nakaguma; KAUM-I. 135039, 43.1 mm SL, KAUM-I. 135040, 34.4 mm SL, Araki; KUN-P 55694, 35.9 mm SL, KUN-P 55695, 32.1 mm SL, Nakasato; KUN-P 55747, 39.9 mm SL, KUN-P 55748, 27.0 mm SL, KUN-P 55749, 22.7 mm SL, Aden.

***Salarias sinuosus* Snyder, 1908**

[Jpn name: Hirenagakaeruo]

Kamohara & Yamakawa (1965, as *Negoscartes sinuosus*): 1 unregistered specimen, 62 mm TL, Somachi.

***Xiphasia matsubarai* Okada & Suzuki, 1952**

[Jpn name: Himeunagigimpo]

Shibuya & Motomura (2020): KAUM-I. 134670, 249.7 mm SL, Onotsu. This study: KAUM-I. 134670, 249.7 mm SL, Onotsu.

**FAMILY GOBIESOCIDAE*****Lepadichthys misakius* (Tanaka, 1908)**

[Jpn name: Misakiubauo]

Kamohara & Yamakawa (1965, as *Lepadichthys frenatus*): 1 unregistered specimen, 44 mm TL, Somachi.

**FAMILY ELEOTRIDAE*****Eleotris acanthopoma* Bleeker, 1853**

[Jpn name: Chichibumodoki]

Akihito (1967): 1 unregistered specimen, 41 mm SL, Akaren. This study: KAUM-I. 134578, 54.9 mm SL, KAUM-I. 134579, 35.4 mm SL, KAUM-I. 134580, 35.9 mm SL, KAUM-I. 134581, 22.2 mm SL, KAUM-I. 134582, 20.9 mm SL, KAUM-I. 134583, 20.2 mm SL, Shitooke.

***Eleotris fusca* (Bloch & Schneider, 1801)**

[Jpn name: Tenjikukawaanago]

KAUM-I. 134584, 90.2 mm SL, Shitooke; KAUM-I. 134961, 57.2 mm SL, KAUM-I. 134962, 51.5 mm SL, KAUM-I. 134963, 99.8 mm SL, Shiramizu.

***Eleotris melanosoma* Bleeker, 1853**

[Jpn name: Okamehaze]

KAUM-I. 134907, 12.2 mm SL, Shiomichi.

**FAMILY XENISTHMIDAE*****Xenisthmus clarus* (Jordan & Seale, 1906)**

[Jpn name: Yanagihaze]

Kamohara & Yamakawa (1968b): 1 unregistered specimen, 45 mm TL, Kikai Island.

***Xenisthmus* sp. 1**

[Jpn name: Kuroyanagihaze]

KAUM-I. 134908, 20.8 mm SL, KAUM-I. 134909, 21.4 mm SL, Shiomichi.

**FAMILY GOBIIDAE*****Amblygobius phalaena* (Valenciennes, 1837)**

[Jpn name: Sarasahaze]

KAUM-I. 134826, 90.0 mm SL, Nakasato; KAUM-I. 136730, 74.3 mm SL, KAUM-I. 146534, 77.4 mm SL, Shiomichi; KAUM-I. 146562, 41.2 mm SL, KAUM-I. 146750, 73.1 mm SL, Keraji; KAUM-I. 146595, 61.5 mm SL, Tekuzuku.

***Asterropteryx semipunctata* Rüppell, 1830**

[Jpn name: Hoshihaze]

KAUM-I. 8097, 32.4 mm SL, KAUM-I. 8118, 26.8 mm SL, Urahara; KAUM-I. 134815, 24.8 mm SL, KAUM-I. 146561, 26.4 mm SL, Keraji; KAUM-I. 134988, 24.3 mm SL, KAUM-I. 134989, 27.3 mm SL, KAUM-I. 134990, 22.2 mm SL, KUN-P 55742, 30.1 mm SL, Aden; KAUM-I. 135129, 24.6 mm SL, Araki.

***Bathygobius coalitus* (Bennett, 1832)**

[Jpn name: Kuroyahazuhaze]

KAUM-I. 134829, 68.2 mm SL, Nakasato; KAUM-I. 134946, 19.5 mm SL, Nakaguma; KAUM-I. 134982, 77.8 mm SL, KAUM-I. 134983, 51.8 mm SL, KAUM-I. 134984, 52.4 mm SL, KAUM-I. 134985, 59.4 mm SL, KAUM-I. 134986, 48.4 mm SL, KAUM-I. 134987, 26.9 mm SL, Aden; KAUM-I. 135057, 62.6 mm SL, KAUM-I. 135102, 66.4 mm SL, KAUM-I. 135103, 26.4 mm SL, KAUM-I. 135104, 26.0 mm SL, Araki; KUN-P 55643, 34.5 mm SL, KUN-P 55644, 40.8 mm SL, Nakasato; KUN-P 55778, 54.1 mm SL, Shiomichi.

***Bathygobius cocosensis* (Bleeker, 1854)**

[Jpn name: Sujikumohaze]

Hagiwara (2018): KAUM-I. 72194, 35.0 mm SL, Urahara. Hagiwara (2019): KAUM-I. 72194, 35.0 mm SL, Urahara. This study: KAUM-I. 8095, 38.7 mm SL, KAUM-I. 72194, 35.0 mm SL, Urahara; KAUM-I. 134866, 32.9 mm SL, Isago; KAUM-I. 135058, 33.8 mm SL, KAUM-I. 135059, 31.5 mm SL, Araki; KUN-P 55642, 15.7 mm SL, Nakasato; KAUM-I. 146560, 29.8 mm SL, KAUM-I. 146563, 26.6 mm SL, Keraji.

***Bathygobius cyclopterus* (Valenciennes, 1837)**

[Jpn name: Yahazuhaze]

KAUM-I. 134659, 24.9 mm SL, KAUM-I. 134660, 22.4 mm SL, Nakasato; KAUM-I. 134700, 56.3 mm SL, KAUM-I. 134701, 44.5 mm SL, Shiomichi; KAUM-I. 135060, 39.7 mm SL, Araki.

***Bathygobius fuscus* (Rüppell, 1830)**

[Jpn name: Kumohaze]

KAUM-I. 134576, 32.4 mm SL, Shitooke; KAUM-I. 134656, 31.5 mm SL, KAUM-I. 134657, 23.7 mm SL, Nakasato; KAUM-I. 135105, 22.7 mm SL, KAUM-I. 135106, 21.1 mm SL, KAUM-I. 135107, 27.0 mm SL, KAUM-I. 135108, 24.8 mm SL, KAUM-I. 135109, 31.4 mm SL, Araki; KAUM-I. 135110, 31.0 mm SL, Keraji.

***Cabillus tongarevae* (Fowler, 1927)**

[Jpn name: Yorimehaze]

KAUM-I. 134576, 23.7 mm SL, Keraji.

***Callogobius hasseltii* (Bleeker, 1851)**

[Jpn name: Okinawahaze]

Kamohara (1957): 1 unregistered specimen, 61 mm TL, Wan. This study: KAUM-I. 146503, 20.2 mm SL, Onotsu; KAUM-I. 146567, 29.2 mm SL, KAUM-I. 146568, 22.6 mm SL, Keraji; KUN-P 55758, 24.0 mm SL, Araki; KUN-P 55788, 34.8 mm SL, Tekuzuku.

***Callogobius maculipinnis* (Fowler, 1918)**

[Jpn name: Katahohaze]

KAUM-I. 134616, 40.6 mm SL, KAUM-I. 134641, 28.8 mm SL, Onotsu; KAUM-I. 134814, 23.3 mm SL, KAUM-I. 134886, 39.7 mm SL, Keraji.

***Callogobius okinawae* (Snyder, 1908)**

[Jpn name: Namerahaze]

KAUM-I. 134703, 42.5 mm SL, KAUM-I. 134910, 26.3 mm SL, Shiomichi; KAUM-I. 135051, 33.3 mm SL, Araki.

***Callogobius tanegasimae* (Snyder, 1908)**

[Jpn name: Tanehaze]

KAUM-I. 134571, 50.5 mm SL, Shitooke.

***Cryptocentrus albidorsus* (Yanagisawa, 1978)**

[Jpn name: Shirobihaze]

Hagiwara (2018): KAUM-I. 72362, 62.5 mm SL, Keraji. Hagiwara (2019): KAUM-I. 72362, 62.5 mm SL, Keraji. This study: KAUM-I. 72362, 62.5 mm SL, Keraji.

***Cryptocentrus nigrocellatus* (Yanagisawa, 1978)**

[Jpn name: Kurohoshihaze]

Yanagisawa (1978, as *Mars nigrocellatus*): SMBL 293, 65.7 mm SL, SMBL 294, 65.7 mm SL, Shiramizu.

***Eviota abax* (Jordan & Snyder, 1901)**

[Jpn name: Isohaze]

Kamohara (1957, as *Eviota abax abax*): 3 unregistered specimens, 24–28 mm TL, Wan. This study: KUN-P 55639, 13.1 mm SL, KUN-P 55641, 15.6 mm SL, KUN-P 55698, 22.0 mm SL, Nakasato.

***Eviota distigma* Jordan & Seale, 1906**

[Jpn name: Kobitoisohaze]

KAUM-I. 134617, 11.1 mm SL, KAUM-I. 134618, 13.5 mm SL, Onotsu.

***Eviota fasciola* Karnella & Lachner, 1981**

[Jpn name: Toranokoisohaze]

KAUM-I. 146680, 12.6 mm SL, Araki.

***Eviota japonica* Jewett & Lachner, 1983**

[Jpn name: Minamiisohaze]

KAUM-I. 8102, 17.5 mm SL, KAUM-I. 8103, 15.0 mm SL, KAUM-I. 8409, 18.4 mm SL, KAUM-I. 8410, 19.2 mm SL, KAUM-I. 72191, 18.4 mm SL, Urahara; KAUM-I. 134684, 18.4 mm SL, Shiomichi; KAUM-I. 134775, 14.0 mm SL, KAUM-I. 134776, 12.6 mm SL, KAUM-I. 146736, 13.1 mm SL, Keraji; KAUM-I. 134827, 19.2 mm SL, KAUM-I. 134828, 13.3 mm SL, Nakasato; KAUM-I. 134947, 17.7 mm SL, Nakaguma; KAUM-I. 135053, 18.2 mm SL, KAUM-I. 135054, 14.7 mm SL, KAUM-I. 135055, 13.5 mm SL, KAUM-I. 135056, 9.8 mm SL, KAUM-I. 135098, 17.1 mm SL, KAUM-I. 135099, 13.7 mm SL, Araki; KAUM-I. 146643, 9.4 mm SL, Kamikatetsu; KAUM-I. 146719, 13.1 mm SL, Tekuzuku.

***Eviota latifasciata* Jewett & Lachner, 1983**

[Jpn name: Obiisohaze]

KAUM-I. 134777, 11.5 mm SL, Keraji; KAUM-I. 146675, 11.1 mm SL, Araki.

***Eviota melasma* Lachner & Karnella, 1980**

[Jpn name: Akahoshiisohaze]

KAUM-I. 146554, 18.6 mm SL, Keraji.

***Eviota pellucida* Larson, 1976**

[Jpn name: Kojikaisohaze]

Hagiwara (2018): KAUM-I. 72376, 21.3 mm SL, Keraji. Hagiwara (2019): KAUM-I. 72376, 21.3 mm SL, Keraji. This study: KAUM-I. 72376, 21.3 mm SL, KAUM-I. 72377, 26.1 mm SL, KAUM-I. 134773, 20.9 mm SL, KAUM-I. 134774, 19.2 mm SL, KAUM-I. 134809, 17.3 mm SL, KAUM-I. 146732, 13.1 mm SL, KAUM-I. 146733, 17.9 mm SL, KAUM-I. 146734, 18.6 mm SL, KAUM-I. 146735, 16.7 mm SL, Keraji; KAUM-I. 146532, 22.0 mm SL, KAUM-I. 146536, 12.4 mm SL, KAUM-I. 146537, 14.0 mm SL, KAUM-I. 146538, 16.6 mm SL, KAUM-I. 146539, 15.7 mm SL, Shiomichi; KAUM-I. 146590, 14.0 mm SL, KAUM-I. 146592, 17.3 mm SL, Kamikatetsu; KAUM-I. 146721, 19.7 mm SL, Tekuzuku.

***Eviota perspicilla* Fujiwara, Suzuki & Motomura, 2019**

[Jpn name: Hoderiisohaze]

KAUM-I. 146495, 13.6 mm SL, Tekuzuku; KAUM-I. 146737, 11.3 mm SL, Keraji.

***Eviota prasina* (Klunzinger, 1871)**

[Jpn name: Nan-yomidorihaze]

Hagiwara (2018): KAUM-I. 72190, 20.6 mm SL, Urahara. Hagiwara (2019): KAUM-I. 72190, 20.6 mm SL, Urahara. Fujiwara et al. (2019): KAUM-I. 72190, 20.6 mm SL, Urahara. This study: KAUM-I. 72190, 20.6 mm SL, Urahara; KAUM-I. 146700, 10.9 mm SL, Kamikatetsu; KUN-P 55691, 16.5 mm SL, KUN-P 55692, 18.0 mm SL, KUN-P 55693, 16.5 mm SL, KUN-P 55696, 17.4 mm SL, KUN-P 55702, 16.6 mm SL, KUN-P 55703, 14.7 mm SL, KUN-P 55704, 13.0 mm SL, KUN-P 55705, 12.4 mm SL, KUN-P 55706, 12.3 mm SL, Nakasato; KUN-P 55750, 14.1 mm SL, KUN-P 55751, 14.5 mm SL, KUN-P 55752, 11.5 mm SL, KUN-P 55753, 12.2 mm SL, KUN-P 55754, 11.1 mm SL, Aden; KUN-P 55756, 14.1 mm SL, KUN-P 55757, 15.1 mm SL, KUN-P 55761, 11.6 mm SL, KUN-P 55762, 10.1 mm SL, KUN-P 55763, 13.1 mm SL, KUN-P 55764, 11.8 mm SL, Araki.

***Eviota toshiyuki* Greenfield & Randall, 2010**

[Jpn name: Midorihaze]

KAUM-I. 134772, 13.8 mm SL, Keraji; KAUM-I. 146673, 13.0 mm SL, Araki.

***Fusigobius duospilus* Hoese & Reader, 1985**

[Jpn name: Sehoshisankakuhaze]

KAUM-I. 134769, 32.0 mm SL, KAUM-I. 134770, 33.5 mm SL, KAUM-I. 134887, 45.1 mm SL, Keraji; KAUM-I. 146492, 29.9 mm SL, KAUM-I. 146493, 26.5 mm SL, Tekuzuku.

***Fusigobius gracilis* (Randall, 2001)**

[Jpn name: Sesujisankakuhaze]

KAUM-I. 134888, 31.3 mm SL, Keraji; KAUM-I. 146491, 33.8 mm SL, Tekuzuku; KAUM-I. 146524, 31.5 mm SL, KAUM-I. 146529, 22.5 mm SL, Shiomichi; KAUM-I. 146580, 28.6 mm SL, Kamikatetsu.

***Fusigobius humeralis* (Randall, 2001)**

[Jpn name: Kataboshisankakuhaze]

KAUM-I. 72379, 24.8 mm SL, Keraji; KAUM-I. 146530, 24.0 mm SL, Shiomichi; KAUM-I. 146644, 17.5 mm SL, Kamikatetsu.

***Fusigobius neophytus* (Günther, 1877)**

[Jpn name: Sankakuhaze]

Kamohara (1957, as *Gobius neophytus*): 2 unregistered specimens, 40–56 mm TL, Wan; 2 unregistered specimens, 47–68 mm TL, Somachi. This study: KAUM-I. 8408, 23.8 mm SL, KAUM-I. 8094, 45.7 mm SL, KAUM-I. 8099, 48.1 mm SL, KAUM-I. 8100, 30.0 mm SL, Urahara; KAUM-I. 134638, 50.4 mm SL, Onotsu; KAUM-I. 134658, 23.7 mm SL, KUN-P 55700, 38.9 mm SL, KUN-P 55701, 28.0 mm SL, Nakasato; KAUM-I. 134821, 30.7 mm SL, KAUM-I. 146751, 52.2 mm SL, Keraji; KAUM-I. 134945, 19.5 mm SL, Nakaguma; KAUM-I. 135124, 24.3 mm SL, KUN-P 55759, 30.2 mm SL, Araki; KAUM-I. 136708, 50.0 mm SL, KAUM-I. 136709, 41.4 mm SL, Shiomichi; KUN-P 55743, 44.4 mm SL, KUN-P 55744, 31.7 mm SL, KUN-P 55745, 33.5 mm SL, KUN-P 55746, 33.4 mm SL, Aden.

***Gnatholepis anjerensis* (Bleeker, 1851)**

[Jpn name: Omonhaze]

Kamohara (1957, as *Gobius knighti*): 1 unregistered specimen, 53 mm TL, Somachi. Kamohara & Yamakawa (1965, as *Gobius knighti*): 1 unregistered specimen, 45 mm TL, Araki; 1 unregistered specimen, 35 mm SL, Somachi. This study: KAUM-I. 134864, 21.9 mm SL, Keraji.

***Gnatholepis cauerensis* (Bleeker, 1853)**

[Jpn name: Kataboshiomonhaze]

Hagiwara (2018): KAUM-I. 72378, 26.7 mm SL, Keraji. Hagiwara (2019): KAUM-I. 72378, 26.7 mm SL, Keraji. This study: KAUM-I. 72378, 26.7 mm SL, KAUM-I. 134771, 27.9 mm SL, KAUM-I. 134807, 27.4 mm SL, KAUM-I. 134808, 30.2 mm SL, Keraji; KAUM-I. 134834, 31.1 mm SL, Shitooke; KAUM-I. 146521, 35.4 mm SL, KAUM-I. 146522, 28.6 mm SL, KAUM-I. 146528, 23.1 mm SL, Shiomichi; KUN-P 55699, 36.4 mm SL, Nakasato.

***Gobiodon heterospilos* Bleeker, 1856**

[Jpn name: Ichimonjikobanhaze]

KAUM-I. 146471, 17.1 mm SL, KAUM-I. 146725, 14.3 mm SL, Tekuzuku.

***Gobiodon quinquestrigatus* (Valenciennes, 1837)**

[Jpn name: Futairosangohaze]

KAUM-I. 134812, 20.7 mm SL, KAUM-I. 134813, 19.9 mm SL, Keraji; KAUM-I. 146472, 16.0 mm SL, KAUM-I. 146485, 22.8 mm SL, Tekuzuku.

***Gobiodon rivulatus* (Rüppell, 1830)**

[Jpn name: Tasujikobanhaze]

Kamohara & Yamakawa (1968b): 1 unregistered specimen, 31 mm TL, Kikai Island. This study: KAUM-I. 146469, 28.1 mm SL, KAUM-I. 146470, 21.0 mm SL, Tekuzuku; KAUM-I. 146676, 20.6 mm SL, Araki.

***Gobiopsis arenaria* (Snyder, 1908)**

[Jpn name: Isagohaze]

Kamohara & Yamakawa (1968b, as *Pipidonia arenarius*): 1 unregistered specimen, 36 mm TL, Kikai Island.

***Istigobius decoratus* (Herre, 1927)**

[Jpn name: Hoshikazarihaze]

KAUM-I. 134640, 48.2 mm SL, Onotsu; KAUM-I. 146513, 13.1 mm SL, Araki; KAUM-I. 146552, 80.4 mm SL, KAUM-I. 146553, 65.0 mm SL, Keraji.

***Istigobius ornatus* (Rüppell, 1830)**

[Jpn name: Kazarihaze]

Kamohara & Yamakawa (1968a, as *Gobius ornatus*): 20 unregistered specimens, 12–18 mm TL, Kikai Island. This study: KAUM-I. 134699, 71.0 mm SL, Shiomichi.

***Kelloggella quindecimfasciata* (Fowler, 1946)**

[Jpn name: Hadakahaze]

KAUM-I. 134598, 19.6 mm SL, KAUM-I. 134599, 19.5 mm SL, KUN-P 55638, 17.7 mm SL, KUN-P 55640, 10.6 mm SL, Nakasato.

***Luciogobius* sp.**

[Jpn name: N/A]

KAUM-I. 135162, 38.4 mm SL, KAUM-I. 138101, 34.2 mm SL, KAUM-I. 138102, 24.5 mm SL, KAUM-I. 138103, 19.8 mm SL, KAUM-I. 138104, 28.5 mm SL, Shiomichi.

Remarks: This species is possibly an undescribed species.

***Mugilogobius chulae* (Smith, 1932)**

[Jpn name: Namihaze]

KAUM-I. 134847, 12.8 mm SL, KAUM-I. 134848, 13.0 mm SL, Shiramizu.

***Mugilogobius* sp. 1**

[Jpn name: Izumihaze]

KAUM-I. 134572, 33.2 mm SL, KAUM-I. 134573, 29.0 mm SL, KAUM-I. 134574, 22.4 mm SL, Shitooke; KAUM-I. 134956, 34.2 mm SL, KAUM-I. 134957, 20.9 mm SL, Shiramizu.

***Oligolepis acutipennis* (Valenciennes, 1837)**

[Jpn name: Noborihaze]

KAUM-I. 134849, 38.6 mm SL, Urahara; KAUM-I. 134964, 25.4 mm SL, Shiomichi.

***Pandaka* sp.**

[Jpn name: Gomahaze]

KAUM-I. 134566, 13.0 mm SL, KAUM-I. 134567, 13.0 mm SL, KAUM-I. 134568, 12.5 mm SL, KAUM-I. 134569, 13.1 mm SL, Shitooke; KAUM-I. 135120, 9.4 mm SL, KAUM-I. 135121, 6.7 mm SL, Keraji.

***Pandaka trimaculata* Akihito & Meguro, 1975**

[Jpn name: Mitsuboshigomahaze]

Akihito et al. (2013): Kikai Island.

***Paragobiodon echinocephalus* (Rüppell, 1830)**

[Jpn name: Darumahaze]

KAUM-I. 134639, 26.2 mm SL, Onotsu; KAUM-I. 134816, 25.4 mm SL, Keraji.

***Paragobiodon melanosoma* (Bleeker, 1853)**

[Jpn name: Kurodarumahaze]

KAUM-I. 146739, 23.6 mm SL, Keraji.



***Pleurosicya micheli* Fourmanoir, 1971**

[Jpn name: Akasujiumitakehaze]

KAUM-I. 146686, 10.0 mm SL, Araki.

***Pleurosicya muscarum* (Jordan & Seale, 1906)**

[Jpn name: Umitakehaze]

KAUM-I. 146686, 13.1 mm SL, Keraji.

***Priolepis cincta* (Regan, 1908)**

[Jpn name: Benkeihaze]

Kamohara (1957, as *Gobius eugenius*): 2 unregistered specimens, 50–52 mm TL, Wan; 2 unregistered specimens, 43–46 mm TL, Somachi. Hagiwara (2018): KAUM-I. 72368, 18.4 mm SL, Keraji. Hagiwara (2019): KAUM-I. 72368, 18.4 mm SL, Keraji. This study: KAUM-I. 72368, 18.4 mm SL, Keraji; KAUM-I. 134619, 27.2 mm SL, Onotsu; KAUM-I. 146621, 28.8 mm SL, KAUM-I. 146623, 14.7 mm SL, Tekuzuku; KAUM-I. 146640, 20.6 mm SL, Kamikatetsu.

***Priolepis latifascima* Winterbottom & BurrIDGE, 1993**

[Jpn name: Futosujirezumihaze]

KAUM-I. 146641, 15.4 mm SL, KAUM-I. 146699, 14.2 mm SL, Kamikatetsu.

***Priolepis semidoliata* (Valenciennes, 1837)**

[Jpn name: Irezumihaze]

KAUM-I. 8101, 30.2 mm SL, Urahara; KAUM-I. 134654, 19.8 mm SL, KAUM-I. 134824, 15.5 mm SL, Nakasato; KAUM-I. 135052, 16.9 mm SL, Araki; KUN-P 55740, 10.7 mm SL, Aden.

***Redigobius bikolanus* (Herre, 1927)**

[Jpn name: Hinahaze]

KAUM-I. 134575, 25.4 mm SL, Shitooke.

***Rhinogobius brunneus* (Temminck & Schlegel, 1845)**

[Jpn name: Kuroyoshinobori]

KAUM-I. 4214, 2 specimens, 15.2–15.6 mm SL, KAUM-I. 7631, 42.6 mm SL, KAUM-I. 7632, 36.7 mm SL, KAUM-I. 135150, 34.3 mm SL, KAUM-I. 135151, 44.1 mm SL, KAUM-I. 135152, 49.3 mm SL, KAUM-I. 135153, 44.6 mm SL, Urahara.

***Rhinogobius similis* Gill, 1859**

[Jpn name: Gokurakuhaze]

KAUM-I. 7629, 39.6 mm SL, KAUM-I. 8145, 33.9 mm SL, Shiomichi; KAUM-I. 134850, 32.0 mm SL, Urahara; KAUM-I. 134955, 63.9 mm SL, Shiramizu.

***Stenogobius* sp.**

[Jpn name: Tanekawahaze]

KAUM-I. 134965, 28.5 mm SL, KAUM-I. 134966, 25.3 mm SL, Shiomichi.

***Trimma caesiura* Jordan & Seale, 1906**

[Jpn name: Benihaze]

Kamohara (1957, as *Eviota caesiura*): 1 unregistered specimen, 23 mm TL, Wan. Kamohara & Yamakawa (1965, as *Eviota caesiura*): 3 unregistered specimens, 22–34 mm TL, Somachi. Hagiwara (2018): KAUM-I. 72359, 26.5 mm SL, Keraji. Hagiwara (2019): KAUM-I. 72359, 26.5 mm SL, Keraji. This study: KAUM-I. 72359, 26.5 mm SL, KAUM-I. 72360, 25.6 mm SL, KAUM-I. 72361, 20.4 mm SL, KAUM-I. 134778,

25.7 mm SL, KAUM-I. 134779, 17.5 mm SL, KAUM-I. 134780, 14.6 mm SL, KAUM-I. 134810, 18.4 mm SL, KAUM-I. 134811, 21.1 mm SL, KAUM-I. 146738, 17.4 mm SL, Keraji; KAUM-I. 146523, 29.0 mm SL, Shiomichi; KAUM-I. 146579, 17.7 mm SL, KAUM-I. 146588, 15.4 mm SL, Kamikatetsu.

***Trimma caudomaculatum* Yoshino & Araga, 1975**

[Jpn name: Aogihaze]

KAUM-I. 134733, 25.5 mm SL, KAUM-I. 134734, 23.3 mm SL, KAUM-I. 134742, 21.3 mm SL, KAUM-I. 134858, 18.5 mm SL, KAUM-I. 134859, 20.9 mm SL, KAUM-I. 134867, 26.5 mm SL, KAUM-I. 134868, 21.8 mm SL, KAUM-I. 134869, 22.1 mm SL, KAUM-I. 134870, 22.5 mm SL, KAUM-I. 146703, 25.3 mm SL, KAUM-I. 146729, 16.5 mm SL, KAUM-I. 146730, 17.1 mm SL, KAUM-I. 146731, 17.5 mm SL, Keraji.

***Trimma maiandros* Hoese, Winterbottom & Reader, 2011**

[Jpn name: Aobenihaze]

KAUM-I. 146535, 13.1 mm SL, Shiomichi; KAUM-I. 146618, 14.6 mm SL, Tekuzuku.

***Trimma naudei* Smith, 1957**

[Jpn name: Chigobenihaze]

KAUM-I. 146578, 28.4 mm SL, Kamikatetsu.

***Trimma okinawae* (Aoyagi, 1949)**

[Jpn name: Okinawabenihaze]

KAUM-I. 134895, 17.0 mm SL, Sadeku; KAUM-I. 146473, 20.8 mm SL, KAUM-I. 146474, 16.7 mm SL, KAUM-I. 146597, 8.2 mm SL, KAUM-I. 146608, 18.3 mm SL, KAUM-I. 146616, 19.2 mm SL, KAUM-I. 146720, 16.4 mm SL, Tekuzuku; KAUM-I. 146531, 18.5 mm SL, Shiomichi; KAUM-I. 146667, 22.1 mm SL, KAUM-I. 146668, 23.2 mm SL, Araki.

***Trimmatom* sp.**

[Jpn name: Shimaisohaze]

Akihito et al. (2013): Kikai Island. Hagiwara (2018): KAUM-I. 72315, 23.3 mm SL, Shiomichi. Hagiwara (2019): KAUM-I. 72315, 23.3 mm SL, Shiomichi. This study: KAUM-I. 72315, 23.3 mm SL, Shiomichi.

***Trypauchenopsis intermedia* Volz, 1903**

[Jpn name: Higewarasubo]

KAUM-I. 134851, 87.1 mm SL, KAUM-I. 134852, 83.7 mm SL, KAUM-I. 134853, 76.1 mm SL, KAUM-I. 134854, 41.6 mm SL, KAUM-I. 134855, 23.2 mm SL, Urahara; KAUM-I. 134967, 71.3 mm SL, KAUM-I. 134969, 49.8 mm SL, Aden; KAUM-I. 134968, 65.8 mm SL, Shiomichi.

***Valenciennesa sexguttata* (Valenciennes, 1837)**

[Jpn name: Mizutamahaze] (Fig. 4A)

KAUM-I. 146744, 80.9 mm SL, Keraji.

Remarks: The specimen represents the first record of *V. sexguttata* from the Amami Islands.

***Valenciennesa strigata* (Broussonet, 1782)**

[Jpn name: Akahachihaze]

Kamohara (1957, as *Calleleostrius strigatus*): 1 unregistered specimen, 86 mm TL, Wan. This study: KAUM-I. 146596, 97.0 mm SL, Tekuzuku.

***Yongeichthys nebulosus* (Forsskål, 1775)**

[Jpn name: Tsumugihaze]

KAUM-I. 134698, 67.3 mm SL, KAUM-I. 136720, 84.8 mm SL, KUN-P 55687, 73.6 mm SL, KUN-P 55772, 87.1 mm SL, KUN-P 55773, 76.4 mm SL, KUN-P 55776, 84.6 mm SL, Shiomichi.

#### **FAMILY PTERELEOTRIDAE**

##### ***Nemateleotris magnifica* Fowler, 1938**

[Jpn name: Hatatatehaze]

KAUM-I. 146723, 30.9 mm SL, Tekuzuku.

##### ***Parioglossus formosus* (Smith, 1931)**

[Jpn name: Yosujihaze]

KUN-P 55635, 14.2 mm SL, KUN-P 55636, 27.4 mm SL, KUN-P 55637, 14.2 mm SL, Nakasato.

##### ***Parioglossus raoi* (Herre, 1939)**

[Jpn name: Miyarabihaze]

KAUM-I. 135117, 24.0 mm SL, KAUM-I. 135118, 10.0 mm SL, KAUM-I. 135119, 10.2 mm SL, Keraji.

##### ***Ptereleotris evides* (Jordan & Hubbs, 1925)**

[Jpn name: Kuroyurihaze]

Yamakawa (1971): 1 unregistered specimen, 27.5 mm TL, Kikai Island.

##### ***Ptereleotris* sp. (unidentified)**

[Jpn name: N/A]

KAUM-I. 134704, 20.0 mm SL, Shiomichi.

#### **FAMILY EPHIPPIDAE**

##### ***Platax orbicularis* (Forsskål, 1775)**

[Jpn name: Nan-yotsubameuo]

KPM-NI 26399, 46.1 mm SL, KPM-NI 26400, 42.4 mm SL, Kikai Island.

##### ***Platax pinnatus* (Linnaeus, 1758)**

[Jpn name: Akakukuri]

KAUM-I. 15534, 68.6 mm SL, Keraji.

#### **FAMILY SIGANIDAE**

##### ***Siganus argenteus* (Quoy & Gaimard, 1825)**

[Jpn name: Hanaaigo]

KAUM-I. 15373, 143.2 mm SL, Sakamine; KAUM-I. 135064, 257.2 mm SL, Araki.

##### ***Siganus spinus* (Linnaeus, 1758)**

[Jpn name: Amiaigo]

Kamohara (1957): many unregistered specimens, 100–160 mm TL, Kikai Island (including Amami-oshima Island). This study: KAUM-I. 134915, 103.8 mm SL, Shiomichi; KAUM-I. 146264, 92.4 mm SL, Ikeji; KAUM-I. 147616, 162.5 mm SL, Keraji.

#### **FAMILY ZANCLIDAE**

##### ***Zanclus cornutus* (Linnaeus, 1758)**

[Jpn name: Tsunodashi]

Kuriiwa (2018): KAUM-I. 72472, 145.8 mm SL, Shiramizu. Kuriiwa (2019): KAUM-I. 72472, 145.8 mm

SL, Shiramizu. This study: KAUM-I. 72469, 146.0 mm SL, KAUM-I. 72472, 145.8 mm SL, KAUM-I. 72473, 146.1 mm SL, KAUM-I. 72476, 128.7 mm SL, KAUM-I. 72477, 128.0 mm SL, Shiramizu; KAUM-I. 72503, 132.7 mm SL, KAUM-I. 134622, 06.6 mm SL, KAUM-I. 134623, 60.6 mm SL, Onotsu.

#### **FAMILY ACANTHURIDAE**

##### ***Acanthurus dussumieri* Valenciennes, 1835**

[Jpn name: Nisekanranhagi]

Sakurai (2018c): KAUM-I. 72470, 185.5 mm SL, Shiramizu. Sakurai (2019c): KAUM-I. 72470, 185.5 mm SL, Shiramizu. This study: KAUM-I. 72412, 147.5 mm SL, Keraji; KAUM-I. 72470, 185.5 mm SL, Shiramizu; KAUM-I. 134723, 114.8 mm SL, Akaren.

##### ***Acanthurus japonicus* (Schmidt, 1931)**

[Jpn name: Namidakurohagi] (Fig. 3H)

Underwater photograph, off Tekuzuku.

##### ***Acanthurus mata* (Cuvier, 1829)**

[Jpn name: Hiraniza]

KAUM-I. 72482, 117.4 mm SL, Aden; KAUM-I. 72497, 175.9 mm SL, KAUM-I. 72502, 142.5 mm SL, Onotsu.

##### ***Acanthurus nigricauda* Duncker & Mohr, 1929**

[Jpn name: Kuromontsuki]

Sakurai (2018c): KAUM-I. 72493, 201.9 mm SL, Onotsu. Sakurai (2019c): KAUM-I. 72493, 201.9 mm SL, Onotsu. This study: KAUM-I. 72493, 201.9 mm SL, Onotsu.

##### ***Acanthurus nigrofuscus* (Forsskål, 1775)**

[Jpn name: Naganiza]

Kamohara (1957, as *Acanthurus elongatus*): 1 unregistered specimen, 175 mm TL, Somachi. This study: KAUM-I. 15386, 96.4 mm SL, Sakamine; KAUM-I. 15525, 120.9 mm SL, KAUM-I. 42787, 85.2 mm SL, KAUM-I. 134793, 42.3 mm SL, Keraji; KAUM-I. 72465, 136.1 mm SL, Shiramizu; KAUM-I. 134593, 62.0 mm SL, KAUM-I. 134594, 46.0 mm SL, KAUM-I. 134610, 37.6 mm SL, KAUM-I. 134611, 39.0 mm SL, KAUM-I. 134629, 78.2 mm SL, Onotsu; KAUM-I. 146690, 58.4 mm SL, Araki; KAUM-I. 146793, 128.1 mm SL, KAUM-I. 146794, 105.1 mm SL, Akaren; KAUM-I. 146813, 118.4 mm SL, Somachi.

##### ***Acanthurus olivaceus* Bloch & Schneider, 1801**

[Jpn name: Montsukihagi]

KAUM-I. 146773, 135.3 mm SL, KAUM-I. 146787, 96.9 mm SL, Akaren; KAUM-I. 146802, 146.4 mm SL, Somachi.

##### ***Acanthurus thompsoni* (Fowler, 1923)**

[Jpn name: Ohagurohagi]

Kamohara (1957, as *Acanthurus philippinus*): 2 unregistered specimens, 112–128 mm TL, Wan; 1 unregistered specimen, 130 mm TL, Somachi. This study: KAUM-I. 15522, 118.9 mm SL, Keraji.

##### ***Acanthurus triostegus* (Linnaeus, 1758)**

[Jpn name: Shimahagi]

KAUM-I. 72480, 123.8 mm SL, Aden; KAUM-I. 134621, 21.3 mm SL, Onotsu; KAUM-I. 134653, 20.8 mm SL, KUN-P 55646, 21.0 mm SL, Nakasato; KAUM-I. 134708, 21.2 mm SL, Shitooke; KAUM-I. 135032, 32.2 mm SL, KAUM-I. 135086, 37.8 mm SL, KAUM-I. 135087, 28.4 mm SL, Araki; KAUM-I. 146262, 58.5 mm SL, Ikeji.

***Acanthurus xanthopterus* Valenciennes, 1835**

[Jpn name: Kurohagi]

KAUM-I. 134696, 23.7 mm SL, KAUM-I. 134916, 99.7 mm SL, KAUM-I. 136719, 93.0 mm SL, Shiomi-chi.

***Ctenochaetus binotatus* Randall, 1955**

[Jpn name: Kokutensazanamihagi]

KAUM-I. 134606, 32.8 mm SL, Onotsu; KAUM-I. 146602, 31.5 mm SL, KAUM-I. 146620, 27.9 mm SL, Tekuzuku.

***Ctenochaetus striatus* (Quoy & Gaimard, 1825)**

[Jpn name: Sazanamihagi]

Kamohara &amp; Yamakawa (1965): 2 unregistered specimens, 165–192 mm TL, Somachi. Sakurai (2018c): KAUM-I. 72481, 108.4 mm SL, Onotsu. Sakurai (2019c): KAUM-I. 72481, 108.4 mm SL, Onotsu. This study: KAUM-I. 72481, 108.4 mm SL, KAUM-I. 134592, 38.2 mm SL, KAUM-I. 134607, 37.4 mm SL, KAUM-I. 134628, 67.5 mm SL, Onotsu; KAUM-I. 135029, 61.0 mm SL, KAUM-I. 135030, 43.5 mm SL, Araki.

***Naso lituratus* (Forster, 1801)**

[Jpn name: Miyakotenguhagi]

Kamohara (1957, as *Callicanthus lituratus*): 1 unregistered specimen, 115 mm TL, Wan. This study: KAUM-I. 72461, 139.2 mm SL, KAUM-I. 72462, 159.6 mm SL, KAUM-I. 72463, 152.3 mm SL, Shiramizu; KAUM-I. 72483, 142.5 mm SL, KAUM-I. 72484, 143.9 mm SL, Aden; KAUM-I. 72501, 228.2 mm SL, Onotsu.***Naso unicornis* (Forsskål, 1775)**

[Jpn name: Tenguhagi]

Kamohara &amp; Yamakawa (1965): 1 unregistered specimen, 340 mm TL, Somachi. Sakurai (2018c): KAUM-I. 72340, 89.5 mm SL, Keraji. Sakurai (2019c): KAUM-I. 72340, 89.5 mm SL, Keraji. This study: KAUM-I. 72340, 89.5 mm SL, KAUM-I. 147612, 118.0 mm SL, Keraji; KAUM-I. 135133, 66.6 mm SL, Shiomichi.

***Naso vlamingii* (Valenciennes, 1835)**

[Jpn name: Sazanamitosakahagi]

KAUM-I. 146806, 122.8 mm SL, Somachi.

***Zebrasoma scopas* (Cuvier, 1829)**

[Jpn name: Gomahagi]

Sakurai (2018c): KAUM-I. 72355, 36.4 mm SL, Keraji. Sakurai (2019c): KAUM-I. 72355, 36.4 mm SL, Keraji. This study: KAUM-I. 15537, 113.3 mm SL, KAUM-I. 72355, 36.4 mm SL, KAUM-I. 134739, 26.2 mm SL, KAUM-I. 146702, 25.8 mm SL, KAUM-I. 146747, 24.5 mm SL, Keraji; KAUM-I. 146515, 24.9 mm SL, KAUM-I. 146516, 23.9 mm SL, Shiomichi.

***Zebrasoma velifer* (Bloch, 1795)**

[Jpn name: Hirenagahagi]

Sakurai (2018c): KAUM-I. 72494, 176.8 mm SL, KAUM-I. 72495, 180.2 mm SL, Onotsu. Sakurai (2019c): KAUM-I. 72494, 176.8 mm SL, KAUM-I. 72495, 180.2 mm SL, Onotsu. This study: KAUM-I. 72494, 176.8 mm SL, KAUM-I. 72495, 180.2 mm SL, Onotsu; KAUM-I. 135165, 52.2 mm SL, KAUM-I. 146514, 21.0 mm SL, Shiomichi; KAUM-I. 146556, 34.3 mm SL, Keraji.

**FAMILY ISTIOPHORIDAE*****Tetrapturus angustirostris* Tanaka, 1915**

[Jpn name: Furaikajiki]

Hata & Motomura (2015): KAUM-I. 68262, 1268.0 mm SL, Kikai Island. Nakamura (2018d): KAUM-I. 68262, 1268.0 mm SL, Kikai Island. Nakamura (2019d): KAUM-I. 68262, 1268.0 mm SL, Kikai Island. This study: KAUM-I. 68262, 1268.0 mm SL, Kikai Island.

**FAMILY SPHYRAENIDAE*****Sphyraena barracuda* (Edwards, 1771)**

[Jpn name: Onikamasu]

KPM-NI 26379, 249.4 mm SL, Kikai Island.

***Sphyraena forsteri* Cuvier, 1829**

[Jpn name: Omekamasu]

Senou (2013e): Kikai-jiam Island. This study: KAUM-I. 134526, 455.8 mm SL, KAUM-I. 134527, 366.4 mm SL, KAUM-I. 134727, 479.8 mm SL, KAUM-I. 134728, 384.9 mm SL, Akaren.

***Sphyraena putnamae* Jordan & Seale, 1905**

[Jpn name: Okamasu]

Kamohara (1957, as *Sphyraena jello*): 1 unregistered specimen, 375 mm TL, Wan.

**FAMILY SCOMBRIDAE*****Grammatorcynus bilineatus* (Rüppell, 1836)**

[Jpn name: Nijosaba]

KAUM-I. 134949, 410.5 mm SL, Somachi.

***Katsuwonus pelamis* (Linnaeus, 1758)**

[Jpn name: Katsuo]

Inaba (2018b): KAUM-I. 72408, 418.0 mm SL, Kikai Island. Inaba (2019b): KAUM-I. 72408, 418.0 mm SL, Kikai Island. This study: KAUM-I. 72408, 418.0 mm SL, Kikai Island.

***Thunnus alalunga* (Bonnaterre, 1788)**

[Jpn name: Binnaga]

Inaba (2018b): KAUM-I. 73258, 533.0 mm SL, Kikai Island. Inaba (2019b): KAUM-I. 73258, 533.0 mm SL, Kikai Island. This study: KAUM-I. 73258, 533.0 mm SL, Kikai Island.

***Thunnus obesus* (Lowe, 1839)**

[Jpn name: Mebachi]

Inaba (2018b): KAUM-I. 76058, 484.1 mm SL, Kikai Island. Inaba (2019b): KAUM-I. 76058, 484.1 mm SL, Kikai Island. This study: KAUM-I. 76058, 484.1 mm SL, Kikai Island.

**ORDER PLEURONECTIFORMES****FAMILY BOTHIDAE*****Bothus pantherinus* (Rüppell, 1830)**

[Jpn name: Togedarumagarei]

KAUM-I. 134691, 57.3 mm SL, Shiomichi; KUN-P 55671, 29.6 mm SL, KUN-P 55690, 50.6 mm SL, Somachi.

**FAMILY SOLEIDAE*****Aseraggodes cheni* Randall & Senou, 2007**

[Jpn name: Mushikuisasaushinoshita]

KAUM-I. 146490, 51.3 mm SL, Tekuzuku.

***Pardachirus pavoninus* (Lacepède, 1802)**

[Jpn name: Minamiushinoshita]

KAUM-I. 134702, 66.4 mm SL, Shiomichi; KAUM-I. 134839, 124.4 mm SL, KUN-P 55672, 104.0 mm SL, KUN-P 55707, 136.1 mm SL, KUN-P 55708, 123.6 mm SL, Somachi.

***Soleichthys heterorhinos* (Bleeker, 1856)**

[Jpn name: Sazanamiushinoshita]

Kamohara (1957, as *Solea heterorhina*): 2 unregistered specimens, 104–114 mm TL, Wan; 1 unregistered specimen, 127 mm SL, Somachi. Kamohara & Yamakawa (1965, as *Solea heterorhina*): 1 unregistered specimen, 150 mm TL, Tekuzuku. This study: KAUM-I. 134760, 87.0 mm SL, Keraji; KAUM-I. 146715, 46.2 mm SL, Kamikatetsu.**ORDER TETRAODONTIFORMES****FAMILY BALISTIDAE*****Balistapus undulatus* (Park, 1797)**

[Jpn name: Kumadori]

KAUM-I. 147602, 160.0 mm SL, Araki.

***Balistooides conspicillum* (Bloch & Schneider, 1801)**

[Jpn name: Mongarakawahagi]

KAUM-I. 19842, 117.6 mm SL, Keraji; KAUM-I. 72491, 139.4 mm SL, Onotsu; KUN-P 55680, 73.0 mm SL, Akaren.

***Balistooides viridescens* (Bloch & Schneider, 1801)**

[Jpn name: Gomamongara]

Matsuura (2018a): KAUM-I. 72415, 433.0 mm SL, Keraji. Matsuura (2019a): KAUM-I. 72415, 433.0 mm SL, Keraji. This study: KAUM-I. 72415, 433.0 mm SL, Keraji.

***Melichthys vidua* (Richardson, 1845)**

[Jpn name: Kuromongara]

KAUM-I. 15194, 176.9 mm SL, Kikai Island.

***Odonus niger* (Rüppell, 1836)**

[Jpn name: Akamongara]

Kamohara (1957, as *Odonus erythrodon*): 1 unregistered specimen, 260 mm TL, Wan.***Pseudobalistes flavimarginatus* (Rüppell, 1829)**

[Jpn name: Kiherimongara]

Matsuura (2018a): KAUM-I. 72409, 212.2 mm SL, Keraji. Matsuura (2019a): KAUM-I. 72409, 212.2 mm SL, Keraji. This study: KAUM-I. 72409, 212.2 mm SL, Keraji; KAUM-I. 134644, 125.5 mm SL, Onotsu.

***Rhinecanthus aculeatus* (Linnaeus, 1758)**

[Jpn name: Murasamemongara]

KAUM-I. 15007, 70.2 mm SL, KAUM-I. 15171, 70.4 mm SL, KAUM-I. 15193, 87.1 mm SL, KAUM-I. 15203, 67.0 mm SL, KAUM-I. 15208, 81.0 mm SL, KAUM-I. 15217, 97.5 mm SL, KAUM-I. 15219, 86.2 mm SL, KAUM-I. 15222, 80.4 mm SL, KAUM-I. 15224, 77.1 mm SL, KAUM-I. 15225, 74.9 mm SL, KAUM-I. 15226, 75.9 mm SL, KAUM-I. 15252, 71.0 mm SL, KAUM-I. 15253, 64.2 mm SL, Kikai Island; KAUM-I. 134600, 47.7 mm SL, Onotsu; KAUM-I. 134711, 160.8 mm SL, KAUM-I. 134712, 134.4 mm SL, Nakasato; KAUM-I. 135069, 135.1 mm SL, KAUM-I. 135076, 140.0 mm SL, KAUM-I. 135077, 157.0 mm SL, KAUM-I. 146826, 92.0 mm SL, Araki; KAUM-I. 147600, 105.0 mm SL, KAUM-I. 147601, 123.0 mm SL, Sakamine.

***Rhinecanthus rectangulus* (Bloch & Schneider, 1801)**

[Jpn name: Tasukimongara]

Kamohara & Yamakawa (1965): 1 unregistered specimen, 70 mm TL, Somachi. This study: KAUM-I. 15169, 92.6 mm SL, KAUM-I. 15196, 122.0 mm SL, KAUM-I. 15216, 116.2 mm SL, Kikai Island; KAUM-I. 72452, 129.1 mm SL, KAUM-I. 72453, 122.4 mm SL, KAUM-I. 72460, 115.9 mm SL, Shiramizu; KAUM-I. 134601, 41.1 mm SL, Onotsu; KAUM-I. 146598, 54.4 mm SL, Tekuzuku; KAUM-I. 146831, 93.7 mm SL, KAUM-I. 146832, 114.4 mm SL, Somachi.

***Sufflamen chrysopterum* (Bloch & Schneider, 1801)**

[Jpn name: Tsumajiromongara]

KAUM-I. 134597, 69.1 mm SL, Onotsu; KAUM-I. 134925, 117.9 mm SL, KAUM-I. 134926, 123.3 mm SL, KAUM-I. 146829, 114.3 mm SL, KAUM-I. 146830, 134.3 mm SL, Somachi; KAUM-I. 146583, 43.4 mm SL, Kamikatetsu; KAUM-I. 146743, 58.5 mm SL, Keraji.

***Sufflamen fraenatum* (Latreille, 1804)**

[Jpn name: Meganehagi]

Kamohara (1957, as *Balistes capistratus*): 1 unregistered specimen, 175 mm TL, Wan. This study: KAUM-I. 134724, 152.6 mm SL, Akaren; KAUM-I. 134927, 174.7 mm SL, Somachi.

**FAMILY MONACANTHIDAE**

***Aluterus scriptus* (Osbeck, 1765)**

[Jpn name: Soshihagi]

KAUM-I. 72490, 316.0 mm SL, Onotsu.

***Cantherhines dumerilii* (Hollard, 1854)**

[Jpn name: Hakuseihagi]

Matsuura (2018b): KAUM-I. 72410, 197.9 mm SL, Keraji. Matsuura (2019b): KAUM-I. 72410, 197.9 mm SL, Keraji. This study: KAUM-I. 72504, 242.5 mm SL, KAUM-I. 134643, 167.7 mm SL, Onotsu; KAUM-I. 72410, 197.9 mm SL, Keraji; KAUM-I. 134924, 151.6 mm SL, Somachi.

***Cantherhines pardalis* (Rüppell, 1837)**

[Jpn name: Amimeumazurahagi]

KAUM-I. 72464, 120.0 mm SL, Shiramizu; KAUM-I. 146674, 68.1 mm SL, Araki.

***Paramonacanthus oblongus* (Temminck & Schlegel, 1850)**

[Jpn name: Yosogi] (Fig. 4B)

KAUM-I. 15205, 91.9 mm SL, KAUM-I. 15209, 88.5 mm SL, KAUM-I. 15211, 98.0 mm SL, KAUM-I. 15218, 98.3 mm SL, Kikai Island.

Remarks: The specimens represent the first records of *P. oblongus* from the Amami Islands. All specimens were transferred from the Faculty of Fisheries, Kagoshima University. Detail collection data unknown.



**FAMILY OSTRACIIDAE*****Lactoria cornuta* (Linnaeus, 1758)**

[Jpn name: Kongofugu]

KAUM-I. 135168, 43.3 mm SL, Shiomichi.

***Ostracion cubicum* Linnaeus, 1758**

[Jpn name: Minamihakofugu]

KAUM-I. 15201, 95.5 mm SL, KAUM-I. 15220, 57.3 mm SL, KAUM-I. 15221, 54.2 mm SL, Kikai Island; KAUM-I. 134624, 14.3 mm SL, Onotsu; KAUM-I. 146594, 16.7 mm SL, Kamikatetsu.

***Ostracion meleagris* Shaw, 1796**

[Jpn name: Kurohakofugu]

KAUM-I. 146599, 49.0 mm SL, Tekuzuku.

**FAMILY TETRAODONTIDAE*****Arothron hispidus* (Linnaeus, 1758)**

[Jpn name: Sazanamifugu]

Kamohara (1957, as *Tetraodon hispidus*): 2 unregistered specimens, 85–98 mm TL, Wan. This study: KAUM-I. 15009, 48.1 mm SL, KAUM-I. 15215, 15.9 mm SL, Kikai Island; KAUM-I. 134648, 60.2 mm SL, Nakasato; KAUM-I. 134817, 128.3 mm SL, Keraji; KAUM-I. 134939, 20.4 mm SL, Nakaguma.***Arothron nigropunctatus* (Bloch & Schneider, 1801)**

[Jpn name: Kokutenfugu]

KAUM-I. 72338, 87.9 mm SL, Onotsu; KAUM-I. 147620, 180.8 mm SL, Kamikatetsu.

***Canthigaster amboinensis* (Bleeker, 1864)**

[Jpn name: Gomafukinchakufugu]

Kamohara (1957): 1 unregistered specimen, 82 mm TL, Onotsu; 4 unregistered specimens, 32–58 mm TL, Somachi. Kamohara &amp; Yamakawa (1968a): 1 unregistered specimen, 78 mm TL, Kikai Island. This study: KAUM-I. 15310, 92.3 mm SL, Sakamine.

***Canthigaster janthinoptera* (Bleeker, 1855)**

[Jpn name: Shiborikinchakufugu]

KAUM-I. 72309, 50.9 mm SL, Shiomichi; KAUM-I. 146511, 55.9 mm SL, Onotsu; KAUM-I. 146664, 22.7 mm SL, Araki.

***Canthigaster rivulata* (Temminck & Schlegel, 1850)**

[Jpn name: Kitamakura]

KAUM-I. 15195, 27.7 mm SL, Kikai Island.

***Canthigaster valentini* (Bleeker, 1853)**

[Jpn name: Shimakinchakufugu]

Kamohara &amp; Yamakawa (1968a): 1 unregistered specimen, 62 mm TL, Kikai Island. This study: KAUM-I. 134630, 54.4 mm SL, Onotsu; KAUM-I. 134745, 22.1 mm SL, KAUM-I. 134806, 28.5 mm SL, Keraji; KAUM-I. 134832, 22.7 mm SL, Shitooke; KAUM-I. 134893, 55.2 mm SL, Sadeku; KAUM-I. 135070, 64.1 mm SL, Araki; KAUM-I. 146458, 23.8 mm SL, Tekuzuku; KAUM-I. 146631, 65.3 mm SL, Kamikatetsu; KAUM-I. 146800, 73.5 mm SL, KAUM-I. 146801, 70.0 mm SL, Somachi.

***Chelonodontops patoca* (Hamilton, 1822)**

[Jpn name: Okinawafugu]

KAUM-I. 15200, 104.4 mm SL, KAUM-I. 15202, 108.7 mm SL, Kikai Island.

***Lagocephalus cheesemanii* (Clarke, 1897)**

[Jpn name: Kurosabafugu]

KAUM-I. 15207, 105.4 mm SL, Kikai Island.

**FAMILY DIODONTIDAE*****Diodon holocanthus* Linnaeus, 1758**

[Jpn name: Harisembon]

KAUM-I. 134953, 153.5 mm SL, KAUM-I. 134954, 168.6 mm SL, Somachi.

***Diodon hystrix* Linnaeus, 1758**

[Jpn name: Nezumifugu]

KAUM-I. 134951, 242.5 mm SL, Shiomichi.

***Diodon liturosus* Shaw, 1804**

[Jpn name: Hitozuraharisembon]

KAUM-I. 134823, 199.0 mm SL, Nakasato; KAUM-I. 147617, 194.2 mm SL, Kamikatetsu; KUN-P 55766, 183.7 mm SL, Araki.

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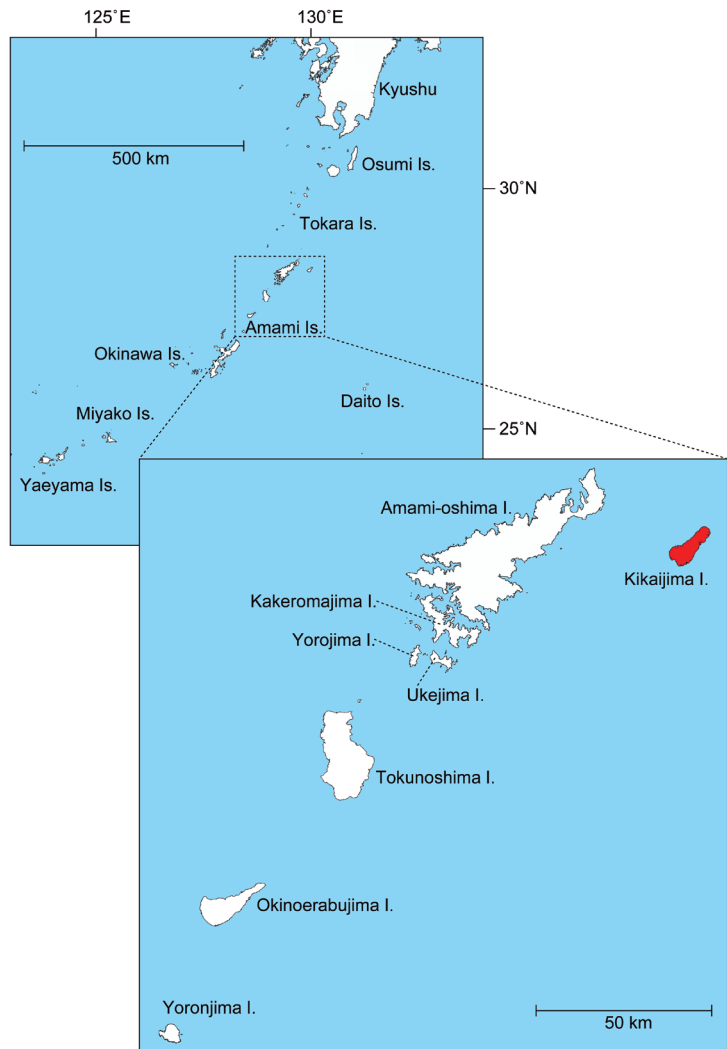
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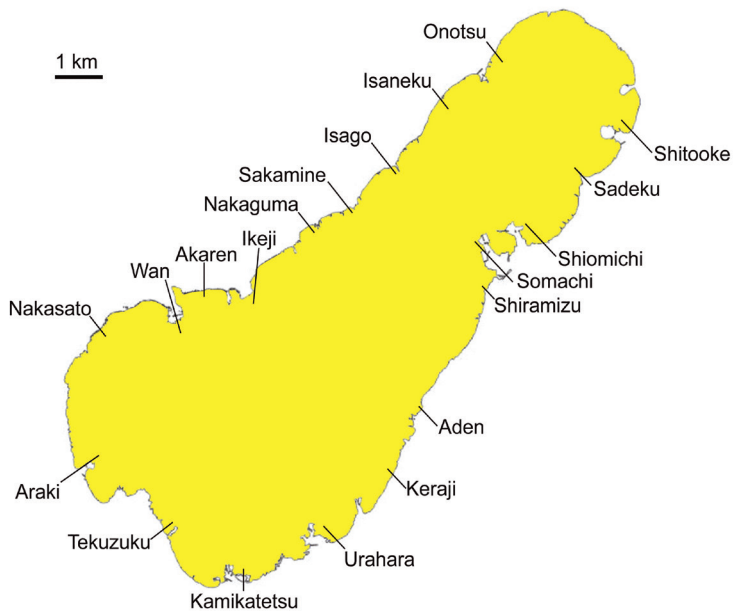
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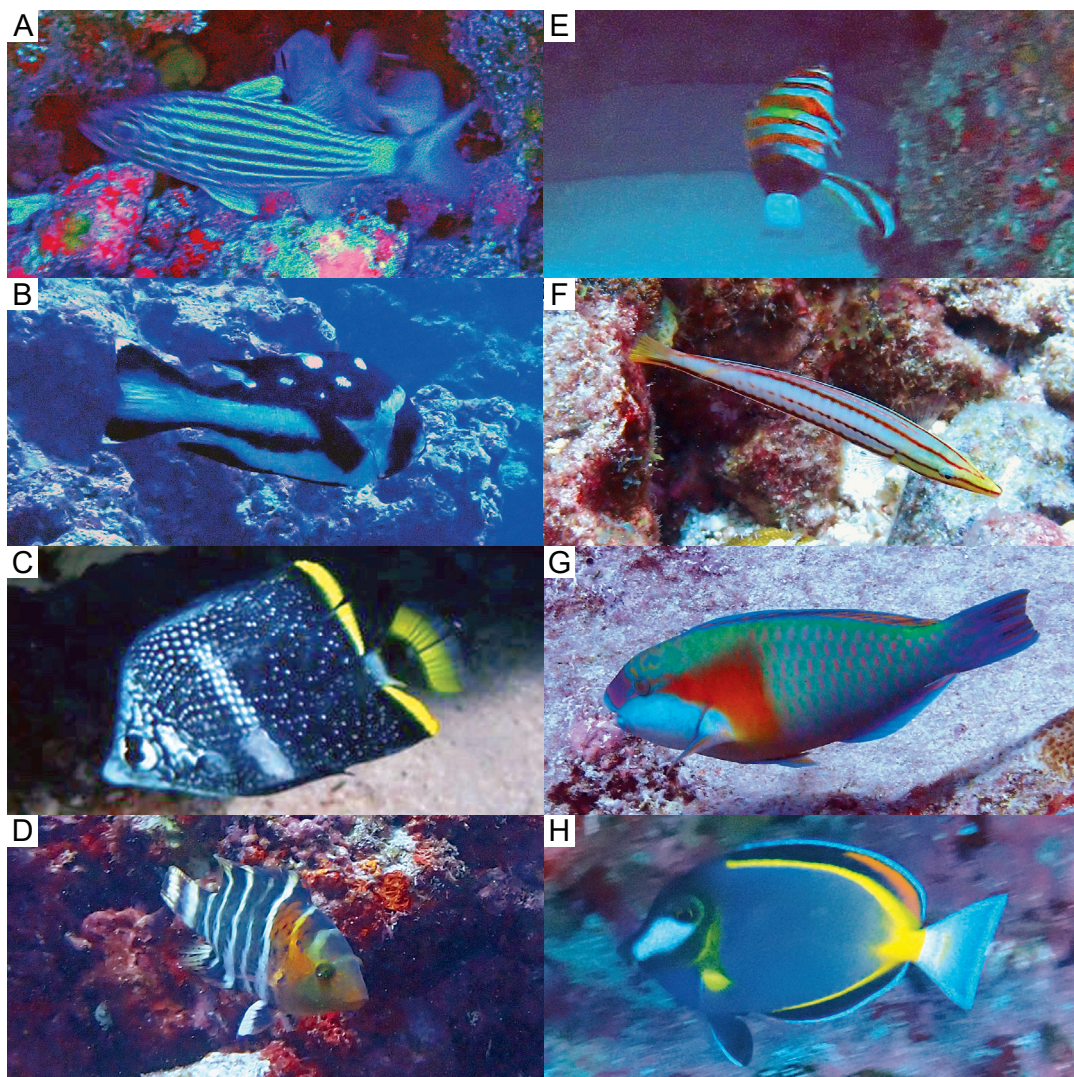
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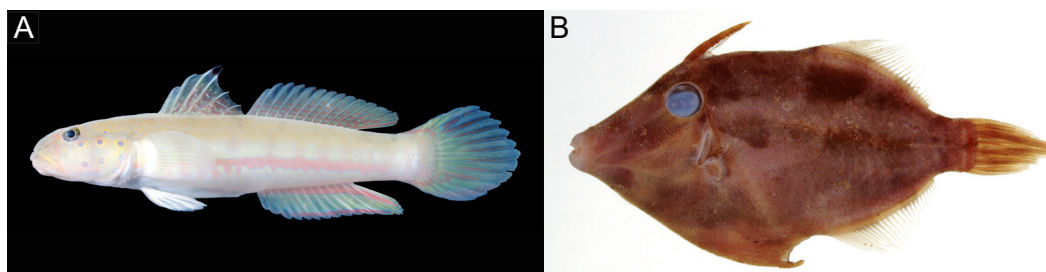
**Fig. 1.** Maps of the Ryukyu Archipelago (*upper*) and the Amami Islands (*lower*). The island marked in red is Kikai Island.



**Fig. 2.** Map of Kikai Island (entire island = Kikai Town). Names used in text are shown here.



**Fig. 3.** Fishes recorded from Kikai Island on the basis of underwater photographs. A, *Cheilodipterus intermedius* (Apogonidae), Araki; B, *Macolor macularis* (Lutjanidae), Tekuzuku; C, *Chaetodon daedalma* (Chaetodontidae), Ikeji; D, *Cheilinus fasciatus* (Labridae), Kamikatetsu; E, *Choerodon fasciatus* (Labridae), Araki; F, *Hologymnosus doliatus* (Labridae), Tekuzuku; G, *Chlorurus bowersi* (Scaridae), Keraji; H, *Acanthurus japonicus* (Acanthuridae), Tekuzuku. Photo C by J. Yoda; all other photos by M. Matsuoka.

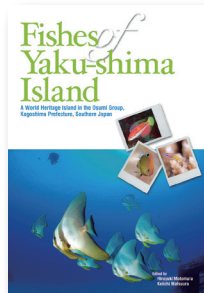


**Fig. 4.** Fishes recorded from Kikai Island, representing the first records from Amami Islands, Ryukyu Islands, Japan. A, *Valenciennesa sexguttata* (Gobiidae), KAUM-I. 146744, 80.9 mm SL, Keraji; B, *Paramonacanthus oblongus* (Monacanthidae), KAUM-I. 15205, 91.9 mm SL, Kikai Island.

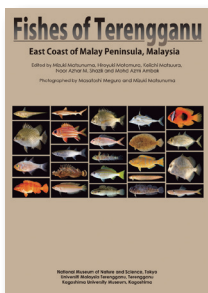
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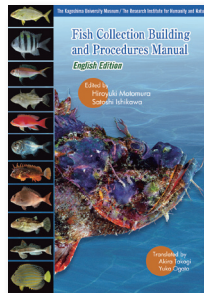
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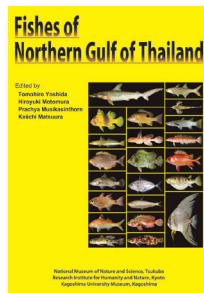
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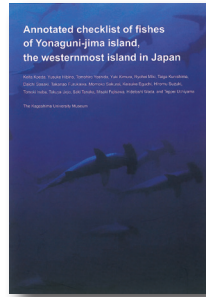


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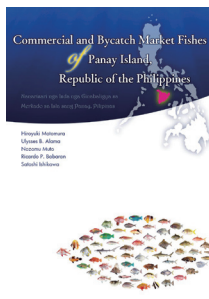
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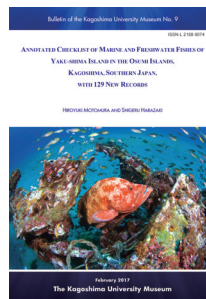
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**2017 (February)**  
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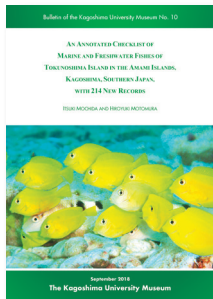


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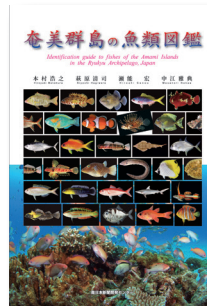


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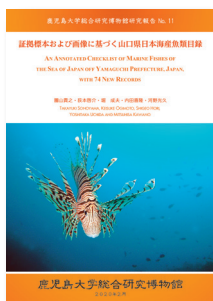
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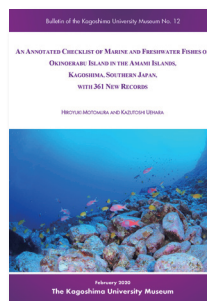
**2018 (September)**  
Mochida, I. and H. Motomura. An annotated checklist of marine and freshwater fishes of Tokunoshima island in the Amami Islands, Kagoshima, southern Japan, with 202 new records. Bulletin of the Kagoshima University Museum, 10: 1–80.



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Motomura, H., K. Hagiwara, H. Senou and M. Nakae (eds.). Identification guide to fishes of the Amami Islands in the Ryukyu Archipelago, Japan. The Minaminippon Shimbun Kaihatsu Center, Kagoshima. 436 pp., 3370 figs.



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Motomura, H., T. Yamamoto and S. Tagane (eds.). Field guide to wildlife of the Takano River mouth and its vicinity areas, Izumi City, northwestern Kagoshima Prefecture, Japan. The Kagoshima University Museum, Kagoshima. 316 pp.



**2020 (November)**  
Koeda, K., H. Hata, M. Yamada and H. Motomura (eds.). Fishes from markets in Osumi Peninsula, Kagoshima, Japan. The Kagoshima University Museum, Kagoshima. 634 pp.



**2020 (December)**  
Fujiwara, K. and H. Motomura. An annotated checklist of marine and freshwater fishes of Kikai Island in the Amami Islands, Kagoshima, southern Japan, with 259 new records. Bulletin of the Kagoshima University Museum, 14: 1–73.



*A total of 530 species, including 259 species that represent the first reliable records from Kikai Island on the basis of collected specimens and/or underwater photographs, are listed with citation of literature, registration numbers, sizes, localities on the island, and some remarks.*

