

## List of specimens of the families Neosebastidae and Scorpaenidae (Actinopterygii: Perciformes) deposited in the Department of Zoology, The University Museum, The University of Tokyo

Mizuki Matsunuma<sup>1)</sup>, Hiroyuki Motomura<sup>2\*)</sup>, Hidetoshi Wada<sup>3,4)</sup>, Masahiro Aizawa<sup>4)</sup>, Kyoji Fujiwara<sup>4,5)</sup>, Daichi Oyama<sup>6,7)</sup>, Kazuo Sakamoto<sup>4,8)</sup>, Rei Ueshima<sup>4,9)</sup>

<sup>1)</sup>The Kyoto University Museum, Yoshida-honmachi, Sakyo-ku, Kyoto 606-8317, Japan

<sup>2)</sup>The Kagoshima University Museum, 1-21-30 Korimoto, Kagoshima 890-0065, Japan

<sup>3)</sup>Kanagawa Prefectural Museum of Natural History, 499 Iryuda, Odawara, Kanagawa 235-0031, Japan

<sup>4)</sup>The University Museum, the University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

<sup>5)</sup>National Museum of Nature and Science, 4-1-1 Amakubo, Tsukuba, Ibaraki 305-0005, Japan

<sup>6)</sup>College of Arts and Sciences, the University of Tokyo, 3-8-1 Komaba, Meguro-ku, Tokyo 153-0041, Japan

<sup>7)</sup>Natural History Museum and Institute, Chiba, 955-2 Aoba, Chuo-ku, Chiba 260-8682, Japan

<sup>8)</sup>Fish Information Center and Museum, 6-6 Toyosu, Koto-ku, Tokyo 135-0061, Japan

<sup>9)</sup>Department of Biological Sciences, Graduate School of Science, the University of Tokyo, 7-3-1 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan

\*Corresponding author (e-mail: motomura@kaum.kagoshima-u.ac.jp)

### Abstract

Examination of all specimens of the families Neosebastidae and Scorpaenidae (subfamilies Pteroinae and Scorpaeninae) deposited in the Department of Zoology, The University Museum, The University of Tokyo (ZUMT) revealed that there are 336 catalog numbers, including 433 specimens, representing two species of *Neosebastes* in Neosebastidae and 17 genera and 36 species in Scorpaenidae. The holotype of *Sebastella littoralis* Tanaka, 1917 (ZUMT 7439), now synonymized under *Scorpaenodes evides* (Jordan and Thompson, 1914), and a single paratype of *Pterois paucispinula* Matsunuma and Motomura, 2014 (ZUMT 46873) are included in the collection of scorpaenids. The holotype of *Pterois tanabensis* Tanaka, 1918 [synonymized with *Parapterois heterura* (Bleeker, 1856)] was apparently lost.

### Introduction

The families Neosebastidae (gurnard perches) and Scorpaenidae (scorpionfishes, lionfishes, and their relatives), included in the suborder Scorpaenoidei within the order Perciformes, are characterized by a large, spiny head and strong, sometimes venomous fin spines (Poss, 1999). Neosebastidae includes mostly small- to medium-sized benthic species that are divided into two genera, *Maxillicosta* Whitley, 1935 and *Neosebastes* Guichenot, 1867 (Motomura, 2004). Scorpaenidae is currently classified into 38 genera distributed worldwide, most of the species outside the area for important fisheries due to small body size and venomous fin spines (Poss, 1999; Fricke et al., 2024). Two species of Neosebastidae and 73 species of Scorpaenidae are known from Japanese waters (Motomura, 2024).

Ongoing taxonomic studies of scorpaenids led by the second author's with colleagues have revealed high species diversity within the family in the Indo-Pacific region, including Japan. In the past 20 years, 18 scorpaenid fishes have been newly recorded or described as new taxa from Japanese waters (e.g., Motomura et al., 2014; Matsumoto and Motomura, 2023; Mochizuki and Motomura, 2024). In addition, the third author's ongoing research on *Neosebastes multisquamus* Motomura, 2004 is revealing the morphological changes with growth and the geographic distribution along southern Japan of the species, which has long been considered endemic to the Ogasawara Islands. As an aid to future taxonomic studies, a list of specimens of the families Neosebastidae and Scorpaenidae (including the subfamilies Pteroinae and Scorpaeninae) deposited in the Department of Zoology, The University Museum, The University of Tokyo is provided here.

## Material and Methods

Specimens of the families Neosebastidae and Scorpaenidae deposited in the Department of Zoology, The University Museum, The University of Tokyo (abbreviated as ZUMT) were identified during this study following Poss (1999), Motomura (2004), Motomura et al. (2004, 2014), Morishita and Motomura (2018), Nakabo and Kai (2013), Motomura and Kanade (2015), Hoshino and Motomura (2021), Wibowo and Motomura (2021), Matsumoto and Motomura (2023), and Matsumoto et al. (2023). After the ZUMT numbers, the following data are given, where available: specimen numbers (if more than one included in the lot), standard length measured to the nearest 0.1 mm (abbreviated as SL), locality, collection date, and collector. The year of collection and collector for some specimens have been estimated following Koeda et al. (2022). The ZUMT specimens listed here were stored in Room 406 (specimen storage room) in the museum building. Species are arranged in alphabetical order.

## Results and Species Accounts

During this study, a total of six neosebastid (six lots) and 427 scorpaenid specimens (330 lots) representing two species of *Neosebastes* in Neosebastidae and 17 genera and 36 species in Scorpaenidae in the ZUMT fish collection. In scorpaenid collection, the holotype of *Sebastella littoralis* Tanaka, 1917 (ZUMT 7439), the holotype of *Pterois tanabensis* Tanaka, 1918, and a single paratype of *Pterois paucispinula* Matsunuma and Motomura, 2014 (ZUMT 46873) are included. However, the holotype of *P. tanabensis* was apparently lost (see Aizawa et al., 2024).

### Neosebastidae ヒレナガカサゴ科

#### *Neosebastes* Guichenot, 1867 ヒレナガカサゴ属

#### *Neosebastes entaxis* Jordan and Starks, 1904 ヒレナガカサゴ

## JAPAN

### Kanagawa Pref.

ZUMT 2634, 147.0 mm SL, Misaki, Miura, eastern Sagami Bay, 1910, coll. by K. Aoki

ZUMT 44090, 76.4 mm SL, probably Kanagawa Pref., 1942

ZUMT 68826, 123.1 mm SL, ZUMT 68827, 113.1 mm SL, Manazuru, Sagami Bay, 1962, coll. by T. Abe

### Kochi Pref.

ZUMT 47126, 73.1 mm SL, precise locality unknown, before 1956

#### *Neosebastes multisquamus* Motomura, 2004 オガサワラカサゴ (Fig. 1)

## JAPAN

ZUMT 23961, 138.5 mm SL, Naya, Kagoshima, Kagoshima Bay, before 1931

**Remarks.** Naya was first established in 1615 from 48 fish wholesale stores, and all fish stores moved to the Kagoshima Central Fish Market in 1935. This specimen was most likely to be purchased at a fish store at Naya, and to be collected from Kagoshima Bay. This specimen is identified here as *N. multisquamus* on the basis of the following features: underside of mandible with numerous sensory pores, lacking ridges; supraocular ridge occurring anteriorly and posteriorly to vertical midline of eye; lower opercular spine extending beyond opercular margin; upper opercular spine simple with pointed tip; interorbital space concave, moderately narrow, without scales; interorbital ridge absent; 36 pored lateral-line scales; 60 scale rows in longitudinal series; 6 scale rows between last dorsal-fin spine and lateral line; pectoral fin long, 34.2% of SL; bilobed portion of swimbladder short, ca. 20% of total swimbladder length; no black spots apparent on head or lateral line. Because *N. multisquamus* has previously been recorded only from Sagami Bay and the Ogasawara Islands (Motomura, 2004; Yoshikawa and Kai, 2016; Honda et al., 2024), this specimen represents the first record of the species from Kagoshima Bay.

**Scorpaenidae** フサカサゴ科  
**Subfamily Pternoinae** ミノカサゴ亜科  
**Brachypterois** Fowler, 1938 ノコギリカサゴ属  
**Brachypterois serrulate** (Richardson, 1846) ノコギリカサゴ

**JAPAN**

ZUMT 47227, 70.5 mm SL, precise locality unknown, before 1956

**THAILAND**

ZUMT 66163, 72.9 mm SL, ZUMT 66164, 73.4 mm SL, southwest of Gulf of Thailand, 22 Aug. 1985

**Dendrochirus** Swainson, 1839  
**Dendrochirus zebra** キリンミノ

**JAPAN**

ZUMT 13954, 56.6 mm SL, probably Okinawa-jima I., Ryukyu Is., coll. by S. Sakaguchi

ZUMT 41116, 42.6 mm SL, Kagoshima Bay, June 1938, coll. by K. Ogawa

ZUMT 64572, 46.8 mm SL, Shizuoka Pref.

**PHILIPPINES**

ZUMT 14584, 58.6 mm SL, precise locality unknown

**TAIWAN**

ZUMT 37443, 81.6 mm SL, Tām-tsuí-khu, July 1908

**Ebosia** Jordan and Starks, 1904 エボシカサゴ属  
**Ebosia bleekeri** エボシカサゴ

**JAPAN**

**Tokyo**

ZUMT 12540, 106.9 mm SL, ZUMT 46722, 117.4 mm SL, Tokyo Market

**Kanagawa Pref.**

ZUMT 20657, 60.2 mm SL, ZUMT 21781, 90.4 mm SL, Misaki, Miura, 1930

**Kagoshima Pref.**

ZUMT 40376, 114.6 mm SL, precise locality unknown, June 1938, coll. by K. Ogawa

**EAST CHINA SEA**

ZUMT 52112, 116.0 mm SL, ZUMT 52120, 119.2 mm SL, fishing area no. 253 to 254 (ca. 33°30'N, 127°15'E; vicinity of Jeju I.)

**Precise locality unknown**

ZUMT 32763, 92.8 mm SL

**Neochirus** Chou, Liu and Liao, 2023  
**Neochirus bella** (Jordan and Hubbs, 1925) ヒメヤマノカミ

**JAPAN**

ZUMT 12541, 97.4 mm SL, Tokyo?

ZUMT 40657, 77.1 mm SL, Morioka?, Iwate Pref.

ZUMT 47129, 77.2 mm SL, Tosa Bay, Kochi Pref.

ZUMT 48301, 71.8 mm SL, Aburatsubo, Misaki, Miura, eastern Sagami Bay, Kanagawa Pref., 1935, T. Abe

*Neochirus brachyptera* (Cuvier, 1829) シマヒメヤマノカミ

**JAPAN**

ZUMT 17396, 81.8 mm SL, Naha, Okinawa-jima I., coll. by S. Tanabe

**INDONESIA**

ZUMT 31857, 25.5 mm SL, Buton I. (Boeton, Butung), southeast Sulawesi, Sept. 1935 to Jan. 1936, coll. by R. Wada

*Parapterois* Bleeker, 1876 セトミノカサゴ属

*Parapterois heterura* (Bleeker, 1856) セトミノカサゴ

**JAPAN**

**Iwate Pref.**

ZUMT 40696, 101.9 mm SL, Morioka?

**Tokyo**

ZUMT 12498, 130.9 mm SL, Tokyo Market

ZUMT 12562, 148.3 mm SL, ZUMT 48405, 108.4 mm SL, Tokyo Market (from western Shizuoka Pref., Suruga Bay)

**Kanagawa Pref.**

ZUMT 19062, 89.8 mm SL, Misaki, Miura, 1929, coll. by T. Azuma

ZUMT 33211, 59.1 mm SL, Kozu, Odawara, 5 Nov. 1933, coll. by K. Minoshima

ZUMT 48300, 88.6 mm SL, Aburatsubo, Misaki, Miura, eastern Sagami Bay, 1935, coll. by T. Abe

ZUMT 50872, 54.4 mm SL, off Hayama, Sagami Bay, 1 Feb. 1955

ZUMT 50934, 66.7 mm SL, off Hayama, Sagami Bay, 6 Dec. 1959

**Shizuoka Pref.**

ZUMT 33012, 95.3 mm SL, Ajiro, Atami, 7 Dec. 1933, coll. by S. Tanaka

**Enshu-nada Sea**

ZUMT 33916, 106.2 mm SL

**Mie Pref.**

ZUMT 23356, 83.2 mm SL, Owase, coll. by K. Nakahara

**Wakayama Pref.**

ZUMT 22492, 57.1 mm SL, Tanabe, 11 Aug. 1920, coll. by N. Ui

**Kochi Pref.**

ZUMT 19009, 176.5 mm SL, Kashiwa-jima I., 10 Mar. 1929, coll. by T. Kamohara

ZUMT 47050, 176.3 mm SL, ZUMT 47127, 95.9 mm SL, ZUMT 47149, 111.5 mm SL, ZUMT 47155, 65.2 mm SL, ZUMT 47156, 104.4 mm SL, ZUMT 47229, 44.2 mm SL, Tosa Bay

**Kagoshima Pref.**

ZUMT 31617, 134.8 mm SL, ZUMT 31623, 136.4 mm SL, precise locality unknown, Mar. 1936, coll. by Y. Miyoshi

**Nagasaki Pref.**

ZUMT 2662, 72.6 mm SL, precise locality unknown, Feb. 1910, coll. by Nagasaki Normal School

ZUMT 7336, 124.0 mm SL, precise locality unknown, coll. by I. Kaneko

## EAST CHINA SEA

ZUMT 65049, 93.5 mm SL, ZUMT 65050, 88.5 mm SL, ZUMT 65051, 69.9 mm SL, ZUMT 65052, 68.3 mm SL, ZUMT 65053, 70.1 mm SL, ZUMT 65054, 63.4 mm SL, western East China Sea, fishing area no. 504 (ca. 28°15'N, 124°45'E), 23 May 1968, coll. by Y. Tominaga

**Remarks.** *Pterois tanabensis* Tanaka, 1918 (synonymized with *Parapterois heterura*; see Matsunuma and Motomura, 2021) was originally described on the basis of a single specimen (235 mm TL) from Tanabe, Wakayama Prefecture, Japan. The holotype of *Pterois tanabensis*, supposedly deposited at ZUMT, is apparently lost (see Aizawa et al., 2024).

*Pterois* Oken, 1817 ミノカサゴ属

*Pterois lunulata* Temminck and Schlegel, 1843 ミノカサゴ

## JAPAN

### Kanagawa Pref.

ZUMT 20708, 120.6 mm SL, ZUMT 21779, 109.8 mm SL, Misaki, Miura, 1930

ZUMT 27240, 82.8 mm SL, Koajiro, Misakimachi, Miura, 27 July 1904, coll. by S. Tanabe

ZUMT 48853, 63.3 mm SL, off Hayama, Sagami Bay, 16 Jan. 1957, coll. by Imperial Household Agency

### Shizuoka Pref.

ZUMT 49571, 91.4 mm SL, Ajiro, Atami, 1959, coll. by T. Abe

### Mie Pref.

ZUMT 23366, 128.5+ mm SL (tail broken), Owase, coll. by K. Nakahara

### Wakayama Pref.

ZUMT 22471, 93.4 mm SL, Tanabe, 11 Aug. 1920, coll. by N. Ui

### Nagasaki Pref.

ZUMT 48143, 75.0 mm SL, Tomie, Fukue-jima I., Goto Is., 24 May 1953, coll. by I. Tomiyama

### Precise locality unknown

ZUMT 46454, 115.2 mm SL

## EAST CHINA SEA

ZUMT 52296, 140.2 mm SL, fishing area no. 253 to 254 (ca. 33°30'N, 127°15'E; vicinity of Jeju I.), before 5 May 1960, coll. by FV No. 1 & 2 *Shotoku-maru*

*Pterois russellii* Bennett, 1831

## PHILIPPINES

ZUMT 14585, 191.7 mm SL, precise locality unknown

ZUMT 39596, 155.3 mm SL, Manicahan, Zamboanga, 20 Dec. 1936, coll. by U. Yamamura and Y. Yamamura

## THAILAND

ZUMT 66109, 170.9 mm SL, off Songkhla, southwest of Gulf of Thailand, 9 July 1985

*Pterois volitans* (Linnaeus, 1758) ハナミノカサゴ  
(Fig. 2)

## JAPAN

### Fukushima Pref.

ZUMT 18380, 46.7 mm SL, Niinuma, Soma, 9 Nov. 1902, coll. by S. Tomita

## Tokyo

ZUMT 54185, 78.7 mm SL, Hachijo-jima I., Izu Is., Sept. 1922, coll. by M. Uchiyama

## Kagoshima Pref.

ZUMT 22224, 119.6 mm SL, Naze (Amami-oshima I.), coll. by K. Enoya

ZUMT 64454, 80.5 mm SL, Okidomari, China, Okinoerabu-jima I., 14 Mar. 2022, coll. by M. Fukatani

## Okinawa Pref.

ZUMT 4911, 68.8 mm SL, Yaeyama Is.

ZUMT 4915, 149.9 mm SL, Yaeyama Is., 6 May 1900, coll. by Miyashima

ZUMT 16851, 75.6 mm SL, Onna, Okinawa I., coll. by S. Tanabe

**Remarks.** This species is known from the Sea of Japan south of Toyama Pref., the Pacific coast south of Chiba Pref., and southern islands in Japanese waters (Nakabo and Kai, 2013). ZUMT 18380 from Fukushima Pref. represents the northernmost record of *P. volitans*.

*Pteropterus* Swainson, 1839

*Pteropterus paucispinula* (Matsunuma and Motomura, 2014) ミズヒキミノカサゴ

## Precise locality unknown

ZUMT 46873, 138.4 mm SL, paratype of *Pteropterus paucispinula*, no data

**Remarks.** The type information on ZUMT 46873 was provided by Aizawa et al. (2024).

**Subfamily Scorpaeninae** フサカサゴ亜科

***Hoplosebastes*** Schmidt, 1929 ハナカサゴ属

***Hoplosebastes armatus*** Schmidt, 1929 ハナカサゴ

## JAPAN

### Kanagawa Pref.

ZUMT 18908, 108.0 mm SL, probably Kanagawa Pref., before 1929, coll. by Suga Elementary School

### Kochi Pref.

ZUMT 9269, 58.1 mm SL, probably Kochi Pref., before 1920, coll. by T. Iyoda

ZUMT 23504, 125.7 mm SL, Urado, Tosa Bay, 1 Mar. 1930, coll. by T. Kamohara

ZUMT 24302, 76.4 mm SL, Mimase, Tosa Bay, 24 Jan. 1932, coll. by T. Kamohara

ZUMT 34715, 92.9 mm SL, precise locality unknown, Aug. 1935, coll. by T. Kamohara

ZUMT 47124, 104.9 mm SL, precise locality unknown, before 1956

### Fukuoka Pref.

ZUMT 49766, 88.2 mm SL, probably Fukuoka Pref. (purchased at Fukuoka Fish Market), July 1959

### Nagasaki Pref.

ZUMT 7318, 121.6 mm SL, precise locality unknown, before 1918, coll. by I. Kaneko

## EAST CHINA SEA

ZUMT 51416, 85.3 mm SL, precise locality unknown, Sept. 1959

***Neomerinthe*** Fowler, 1935 マツバラカサゴ属

***Neomerinthe rotunda*** (Alcock, 1896) ヤブサメカサゴ

## JAPAN

ZUMT 21509, 62.7 mm SL, probably Kanagawa Pref., 28 Apr. 1929, coll. by T. Senba

*Neomerinthe megalepis* (Fowler, 1938) オボロマツバラカサゴ

#### THAILAND

ZUMT 65890, 34.8 mm SL, ZUMT 66162, 59.6 mm SL, ZUMT 68817, 38.6 mm SL, ZUMT 68818, 56.8 mm SL, ZUMT 68819, 67.9 mm SL, ZUMT 68820, 71.9 mm SL, ZUMT 68821, 74.3 mm SL, southwest of Gulf of Thailand, 20 Aug. 1985  
ZUMT 66110, 37.0 mm SL, off Songkhla, southwest of Gulf of Thailand, 9 July 1985

*Neomerinthe ignea* Matsumoto, Muto and Motomura, 2023 ホムラカサゴ

#### TAIWAN

ZUMT 25102, 106.7 mm SL, Taipei, 1 June 1929 or 1930, coll. by M. Imai

*Parascorpaena* Bleeker, 1876 ネットアイフサカサゴ属  
*Parascorpaena aurita* (Rüppell, 1838) チブルネットアイフサカサゴ

#### MALAYSIA

ZUMT 63211, 85.2 mm SL, ZUMT 63212, 84.8 mm SL, Sarawak, Borneo I., before 1961, donated from T. Harrison (Sarawak Museum) to I. Tomiyama in 1961

*Parascorpaena mossambica* (Peters, 1855) ネットアイフサカサゴ

#### JAPAN

ZUMT 17030, 76.4 mm SL, Itoman, Okinawa-jima I., Ryukyu Is., before 1926, coll. by S. Tanabe  
ZUMT 54212, 3 specimens, 20.7–27.4 mm SL, Hachijo-jima I., Izu Is., Sept. 1922, coll. by M. Uchiyama  
ZUMT 65702, 82.3 mm SL, Mikurajima Port, Mikura-jima I., Izu Is., 6 June 2023, coll. by S. Nishikawa

*Pteroidichthys* Bleeker, 1856 ツノカサゴ属  
*Pteroidichthys noronhai* (Fowler, 1938) シノノメツノカサゴ

#### JAPAN

ZUMT 44091, 42.7 mm SL, ZUMT 44092, 35.9 mm SL, probably Kanagawa Pref., before 1942  
ZUMT 65140, 38.0 mm SL, East China Sea, 19 May 1968, coll. by Y. Tominaga

*Rhinopias* Gill, 1905 ボロカサゴ属  
*Rhinopias eschmeyeri* Condé, 1977 ホウセキカサゴ

#### JAPAN

ZUMT 21138, 126.3 mm SL, probably Kochi Pref., before 1930

*Scorpaena* Linnaeus, 1758 フサカサゴ属  
*Scorpaena miostoma* Günther, 1877 コクチフサカサゴ

**JAPAN**

**Tokyo**

ZUMT 4052, 113.9 mm SL, precise locality unknown, before 1915

**Kanagawa Pref.**

ZUMT 15475, 109.0 mm SL, Misaki, Miura, eastern Sagami Bay, Dec. 1924, coll. by S. Miyashiro

ZUMT 15494, 97.2 mm SL, ZUMT 15496, 81.2 mm SL, ZUMT 15497, 97.3 mm SL, probably Kanagawa Pref., before 1926, coll. by S. Miyashiro

ZUMT 18909, 88.8 mm SL, probably Kanagawa Pref., before 1929, coll. by Suga Elementary School

ZUMT 32521, 105.4 mm SL, Misaki, Miura, eastern Sagami Bay, 1936

ZUMT 36404, 98.5 mm SL, Hayama, Miura, Sagami Bay, Aug. 1936, coll. by S. Inuo

ZUMT 49681, 66.8 mm SL, Maruyamadashi (local fishing ground), Hayama, Miura, eastern Sagami Bay, 14 July 1957, coll. by Imperial Household Agency

ZUMT 50881, 104.4 mm SL, Kannonzukadashi (local fishing ground), Hayama, Miura, eastern Sagami Bay, 5 June 1957

ZUMT 59459, 113.7 mm SL, ZUMT 59460, 102.8 mm SL, Nagai, Yokosuka, eastern Sagami Bay, July 1989, coll. by H. Shikatani

ZUMT 59461, 114.7 mm SL, Nagai, Yokosuka, eastern Sagami Bay, 1990

ZUMT 68830, 88.6 mm SL, ZUMT 68831, 113.5 mm SL, Manazuru, Sagami Bay, 21 Apr. 1960, coll. by T. Abe

**Mie Pref.**

ZUMT 7737, 82.9 mm SL, probably Mie Pref., before 1918, coll. by M. Kobayashi

ZUMT 20076, 91.7 mm SL, probably Mie Pref., before 1930, coll. by A. Tsuchida

ZUMT 33397, 51.3 mm SL, off Daiozaki, Shima, before 1936, coll. by Aichi Prefectural Fisheries Experiment Station

**Nagasaki Pref.**

ZUMT 2260, 89.0 mm SL, precise locality unknown, July 1909

**Wakayama Pref.**

ZUMT 7556, 78.4 mm SL, ZUMT 7557, 88.0 mm SL, Hiro, Arita, before 1918, coll. by I. Hoshino

ZUMT 9647, 75.8 mm SL, probably Wakayama Pref., before 1920, coll. by N. Ui

**Hyogo Pref.**

ZUMT 42954, 68.5 mm SL, Yura, Awaji-shima I., Sumoto, before 1940

**Kochi Pref.**

ZUMT 47218, 71.6 mm SL, precise locality unknown, before 1956

**Kagoshima Pref.**

ZUMT 5770, 71.1 mm SL, off Biro-jima I., Shibushi Bay, 10 Mar. 1903

ZUMT 23908, 113.4 mm SL, Arata, Kagoshima Bay, before 1931

**Toyama Pref.**

ZUMT 23220, 95.1 mm SL, Toyama Bay, 16 Dec. 1930, coll. by K. Kikuchi

ZUMT 25833, 102.8 mm SL, probably Toyama Pref., 22 July 1933, coll. by K. Kikuchi

**Yamaguchi Pref.**

ZUMT 10083, 120.3 mm SL, Senzaki, Nagato, before 1923, coll. by S. Tanaka

**Precise locality unknown**

ZUMT 4635, 110.6 mm SL, Tokyo Market, before 1915

ZUMT 12567, 83.6 mm SL, Tokyo Market, before 1926

ZUMT 33232, 82.8 mm SL, Terpenye Bay, Sakhalin Oblast, Russia (most likely error), before 1936, coll. by K. Sakamoto

ZUMT 33525, 100.0 mm SL, no data, before 1936

ZUMT 40634, 117.2 mm SL, ZUMT 40662, 137.7 mm SL, no data, before 1940



## **EAST CHINA SEA**

ZUMT 51299, 114.8 mm SL, precise locality unknown, 2 Sept. 1959, coll. by Y. Tominaga

*Scorpaena neglecta* Temminck and Schlegel, 1843 イズカサゴ

## **JAPAN**

### **Fukushima Pref.**

ZUMT 33794, 81.7 mm SL, ZUMT 34069, 100.1 mm SL, Onahama, Iwaki, before 1936, coll. by H. Kadota

### **Tokyo**

ZUMT 3962, 109.3 mm SL, ZUMT 3963, 134.0 mm SL, ZUMT 4048, 92.0 mm SL, ZUMT 4049, 99.1 mm SL, ZUMT 4051, 125.0 mm SL, precise locality unknown, before 1915

ZUMT 41044, 112.7 mm SL, Hachijo-jima I., Izu Is., before 1940, coll. by S. Watanabe

ZUMT 68637, 197.5 mm SL, Hachijo-jima I., Izu Is., July 1929, coll. by Y. Otsuki

### **Kanagawa Pref.**

ZUMT 2633, 175.0 mm SL, Misaki, Miura, eastern Sagami Bay, 1910, coll. by K. Aoki

ZUMT 4899, 205.0 mm SL, Misaki, Miura, eastern Sagami Bay, 1915

ZUMT 20633, 95.4 mm SL, ZUMT 20634, 51.2 mm SL, ZUMT 20712, 90.3 mm SL, ZUMT 20713, 100.0 mm SL, ZUMT 20884, 64.2 mm SL, Misaki, Miura, eastern Sagami Bay, 1930

ZUMT 48685, 66.0 mm SL, ZUMT 48698, 54.0 mm SL, Hayama, Miura, eastern Sagami Bay, 5 Feb. 1957, coll. by Imperial Household Agency

ZUMT 48849, 61.9 mm SL, Hayama, Miura, eastern Sagami Bay, 21 Jan. 1957, coll. by Imperial Household Agency

ZUMT 48852, 68.1 mm SL, Hayama, Miura, eastern Sagami Bay, 17 Jan. 1957, coll. by Imperial Household Agency

ZUMT 49200, 137.0 mm SL, Misaki, Miura, eastern Sagami Bay, 12 Feb. 1958, coll. by I. Tomiyama

ZUMT 49606, 68.3 mm SL, Hayama, Miura, eastern Sagami Bay, 11 Feb. 1959, coll. by Imperial Household Agency

ZUMT 50880, 71.9 mm SL, between Aoyamadashi and Kannonzukuradashi (local fishing grounds), Hayama, Miura, eastern Sagami Bay, 15 July 1958

ZUMT 50924, 91.0 mm SL, Hayama, Miura, eastern Sagami Bay, 6 Dec. 1959

ZUMT 50930, 91.0 mm SL, ZUMT 50931, 62.1 mm SL, Hayama, Miura, eastern Sagami Bay, 15 Jan. 1960

### **Mie Pref.**

ZUMT 23386, 94.8 mm SL, Owase, before 1930, coll. by K. Nakahara

### **Wakayama Pref.**

ZUMT 8305, 125.0 mm SL, probably Wakayama Pref., before 1918, coll. by N. Ui

ZUMT 21732, 144.0 mm SL, precise locality unknown, 10 Feb. 1906

### **Kochi Pref.**

ZUMT 17620, 169.0 mm SL, precise locality unknown, 21 May 1927, coll. by Y. Yamamoto

ZUMT 23482, 132.0 mm SL, Urado, Tosa Bay, 11 Jan. 1930, coll. by T. Kamohara (donated from S. Watanabe)

ZUMT 47070, 129.7 mm SL, precise locality unknown, before 1956

### **Miyazaki Pref.**

ZUMT 22670, 175.0 mm SL, precise locality unknown, before 1930

### **Kagoshima Pref.**

ZUMT 23877, 198.0 mm SL, Taniyama, Kagoshima Bay, before 1931

ZUMT 32909, 153.0 mm SL, ZUMT 32910, 130.0 mm SL, precise locality unknown, before 1936

### **Niigata Pref.**

ZUMT 24234, 247.0 mm SL, Teradomari, Nagaoka, before 1931, coll. by Niigata Prefectural Fisheries Experiment Station

ZUMT 24424, 168.0 mm SL, precise locality unknown, 28 Mar. 1932

### **Toyama Pref.**

ZUMT 23219, 168.0 mm SL, Toyama Bay, 16 Dec. 1930, coll. by K. Kikuchi

ZUMT 32701, 75.7 mm SL, Higashi-iwase, Apr. 1935, coll. by H. Yamashita

ZUMT 41449, 194.0 mm SL, Uozu, Toyama Bay, June 1932, coll. by I. Tomiyama  
ZUMT 44046, 90.0 mm SL, probably Toyama Pref., before 1942, coll. by K. Kikuchi  
ZUMT 46306, 185.0 mm SL, Namerikawa, Toyama Bay, before 1956, coll. by I. Tomiyama

**Ishikawa Pref.**

ZUMT 7958, 180.0 mm SL, probably Ishikawa Pref., before 1918, coll. by M. Tokuhisa

**Fukui Pref.**

ZUMT 15969, 165.0 mm SL, ZUMT 16004, 180.0 mm SL, probably Fukui Pref., before 1926, coll. by Fukui Prefectural Fisheries Experiment Station

**Yamaguchi Pref.**

ZUMT 27063, 149.0 mm SL, precise locality unknown, 7 June 1934, coll. by M. Nagatomi

**Nagasaki Pref.**

ZUMT 2632, 190.0 mm SL, precise locality unknown, 23 Jan. 1910, coll. by Nagasaki Normal School  
ZUMT 3823, 150.0 mm SL, south of Cape Osezaki, Fukue-jima I., Goto Is., coll. by Z. Tashiro  
ZUMT 7317, 147.0 mm SL, precise locality unknown, before 1918, coll. by I. Kaneko  
ZUMT 48084, 210.0 mm SL, Sasebo (purchased at Sasebo Fish Market), 2 June 1953, coll. by I. Tomiyama  
ZUMT 56949, 113.8 mm SL, ZUMT 56950, 139.9 mm SL, ZUMT 56951, 181.9 mm SL, ZUMT 56952, 183.0 mm SL, southeast of Tsushima I., 10 July 1987, coll. by M. Aizawa  
ZUMT 68814, 174.0 mm SL, off Cape Osezaki, Fukue-jima I., Goto Is., before 1915, coll. by FV *Hayatori-maru*

**Kumamoto Pref.**

ZUMT 12494, 145.0 mm SL, precise locality unknown, before 1926

**Precise locality unknown**

ZUMT 12545, 80.0 mm SL, ZUMT 12574, 142.0 mm SL, Tokyo Market, before 1926  
ZUMT 68815, 130.0 mm SL, probably Japan, before 1940, coll. by T. Abe

**EAST CHINA SEA**

ZUMT 3605, 188.0 mm SL, 30°31'N, 127°35'E to 30°20'N, 127°32'E, before 1913  
ZUMT 51012, 167.0 mm SL, precise locality unknown, 16 Mar. 1960  
ZUMT 51409, 165.0 mm SL, precise locality unknown, Sept. 1959  
ZUMT 52078, 144.0 mm SL, precise locality unknown (purchased at Fukuoka Fish Market), before 1960  
ZUMT 52259, 57.0 mm SL, fishing area no. 253 to 254 (ca. 33°30'N, 127°15'E; vicinity of Jeju I.), 5 May 1960, coll. by FV *No. 1 & 2 Shotoku-maru*  
ZUMT 52355, 165.8 mm SL, fishing area no. 253 to 254 (ca. 33°30'N, 127°15'E; vicinity of Jeju I.), 6 May 1968, coll. by RV *Hakuho-maru*  
ZUMT 52367, 185.3 mm SL, precise locality unknown, 6 May 1968, coll. by RV *Hakuho-maru*

*Scorpaena onaria* Jordan and Snyder, 1900 フサカサゴ

**JAPAN**

**Fukuoka Pref.**

ZUMT 51461, 115.2 mm SL, probably Fukuoka Pref., 10 Dec. 1959, coll. by FV *Sano*

**Tokyo**

ZUMT 55596, 147.9 mm SL, Ni-jima I., Izu Is., 30 Sept. 1986, coll. by H. Senou

**Kanagawa Pref.**

ZUMT 50901, 76.8 mm SL, Maruyamadashi (local fishing ground), Hayama, Miura, eastern Sagami Bay, 17 July 1959

**Wakayama Pref.**

ZUMT 66455, 171.4 mm SL, off Shionomisaki Cape, Kushimoto, 22 Oct. 2023, coll. by M. Fukatani

**Nagasaki Pref.**

ZUMT 52576, 158.5 mm SL, Sasebo (purchased at Naze Fish Market), 31 May 1966  
ZUMT 56948, 107.3 mm SL, southeast of Tsushima I., 10 July 1987, coll. by M. Aizawa

ZUMT 56965, 66.4 mm SL, ZUMT 56966, 83.3 mm SL, southeast of Tsushima I., 10 July 1987, coll. by Y. Tominaga and M. Aizawa

**Ariake Sea**

ZUMT 35561, 42.5 mm SL, Oct. 1931, coll. by I. Tomiyama

***Scorpaena porcus* Linnaeus, 1758**

**BLACK SEA**

ZUMT 21784, 139.1 mm SL, Black Sea, before 1930

***Scorpaenodes* Bleeker, 1857 イソカサゴ属**

***Scorpaenodes evides* (Jordan and Thompson, 1914) イソカサゴ**

**JAPAN**

**Tokyo**

ZUMT 41045, 79.0 mm SL, Hachijo-jima I., Izu Is., before 1940, coll. by S. Watanabe

ZUMT 54211, 31 specimens, 19.6–81.0 mm SL, Hachijo-jima I., Izu Is., Sept. 1922, coll. by M. Uchiyama

ZUMT 63068, 7 specimens, 42.3–88.9 mm SL, ZUMT 63085, 10 specimens, 46.0–80.7 mm SL, ZUMT 63113, 25 specimens, 38.1–85.0 mm SL, ZUMT 63114, 21 specimens, 28.7–80.2 mm SL, Izumi-hama Beach, Izu-o-shima I., Izu Is., 1 Aug. 1993, coll. by K. Sakamoto

**Kanagawa Pref.**

ZUMT 4583, 49.5 mm SL, Misaki, Miura, Sagami Bay, 2 May 1912

ZUMT 7439, 77.5 mm SL, holotype of *Sebastella littoralis*, Misaki, Miura, Sagami Bay, Nov. 1916, coll. by S. Tanaka

ZUMT 12421, 63.0 mm SL, ZUMT 12422, 70.2 mm SL, Aburatsubo, Misaki, Miura, eastern Sagami Bay, 1925

ZUMT 21278, 77.8 mm SL, ZUMT 21279, 72.8 mm SL, precise locality unknown, 20 Sept. 1925, coll. by Shona Normal School

ZUMT 28667, 29.5 mm SL, Misaki, Miura, Sagami Bay, 2 May 1909

ZUMT 38965, 32.8 mm SL, ZUMT 38966, 29.3 mm SL, Misaki, Miura, eastern Sagami Bay, 1938

ZUMT 40267, 36.0 mm SL, Misaki, Miura, eastern Sagami Bay, 1939

ZUMT 44449, 48 specimens, 21.6–43.2 mm SL, Misaki, Miura, eastern Sagami Bay, 31 May 1911

ZUMT 48687, 62.6 mm SL, Nagai, Yokosuka, eastern Sagami Bay, 16 June 1956, coll. by Imperial Household Agency

ZUMT 48807, 44.9 mm SL, Kannonzukadashi (local fishing ground), Hayama, Miura, eastern Sagami Bay, 16 Jan. 1957, coll. by Imperial Household Agency

ZUMT 48824, 44.4 mm SL, Kurosaki, Miura, eastern Sagami Bay, 10 June 1956, coll. by Imperial Household Agency

ZUMT 54196, 16 specimens, 21.3–68.0 mm SL, Misaki, Miura, Sagami Bay, 2 May 1912

ZUMT 54741, 65.0 mm SL, tidepool at Misaki, Miura, eastern Sagami Bay, 20 July 1966

ZUMT 55663, 47.6 mm SL, ZUMT 55665, 78.4 mm SL, ZUMT 55666, 39.3 mm SL, ZUMT 55667, 42.1 mm SL, Moroiso, Misaki, Miura, eastern Sagami Bay, 29 July 1986, coll. by M. Aizawa et al.

ZUMT 56883, 50.8 mm SL, Joga-shima I., eastern Sagami Bay, Misaki, Miura, 2 Aug. 1987, coll. by M. Aizawa

ZUMT 56884, 55.4 mm SL, tidepool at Joga-shima I., eastern Sagami Bay, Misaki, Miura, 2 Aug. 1987, coll. by M. Aizawa

ZUMT 64591, 47.8 mm SL, Cape Arasaki, Nagai, Yokosuka, Sagami Bay, 10 Nov. 2021, coll. by M. Fukatani

**Shizuoka Pref.**

ZUMT 9275, 39.8 mm SL, ZUMT 9276, 46.4 mm SL, Shizuura, Numazu, eastern Suruga Bay, before 1920, coll. by N. Kuroda

ZUMT 13389, 47.8 mm SL, Shizuura, Numazu, eastern Suruga Bay, before 1926, coll. by N. Kuroda

ZUMT 33333, 44.8 mm SL, Shizuura, Numazu, eastern Suruga Bay, before 1936  
ZUMT 33358, 58.8 mm SL, ZUMT 33359, 65.9 mm SL, ZUMT 33360, 60.8 mm SL, precise locality unknown, before 1936  
ZUMT 33841, 55.5 mm SL, ZUMT 33842, 53.2 mm SL, Shizuura, Numazu, eastern Suruga Bay, before 1936, coll. by N. Kuroda  
ZUMT 36120, 46.9 mm SL, Shizuura, Numazu, eastern Suruga Bay, 1921, coll. by N. Kuroda  
ZUMT 68629, 2 specimens, 22.5–25.1 mm SL, Shizuura, Numazu, eastern Suruga Bay, 31 May 1911  
ZUMT 69413, 30.1 mm SL, Cape Tsumekizaki, Suzaki, Shimoda, Sagami Bay, 14 Dec. 2024, coll. by D. Oyama et al.

**Tokushima Pref.**

ZUMT 58796, 53.3 mm SL, ZUMT 58807, 58.1 mm SL, Oshima I., Mugi, Ama, 21 July 1989, coll. by M. Aizawa et al.  
ZUMT 68639, 57.4 mm SL, ZUMT 68640, 53.7 mm SL, Hachijo-jima I., Izu Is., July 1929, coll. by Y. Otsuki

**Remarks.** ZUMT 7439 is considered to be the holotype of *Sebastella littoralis* Tanaka, 1917, now synonymized by Motomura et al. (2010) under *Scorpaenodes evides*. Detailed discussion of the type status of ZUMT 7439 was provided by Aizawa et al. (2024).

*Scorpaenodes guamensis* (Quoy and Gaimard, 1824) グアムカサゴ

**JAPAN**

**Tokyo**

ZUMT 41046, 83.3 mm SL, ZUMT 41048, 58.6 mm SL, Hachijo-jima I., Izu Is., before 1940, coll. by S. Watanabe

**Kanagawa Pref.**

ZUMT 21280, 60.5 mm SL, precise locality unknown, 20 Sept. 1925, coll. by Shona Normal School  
ZUMT 49677, 56.4 mm SL, Tsunone (local fishing ground), Hayama, Miura, eastern Sagami Bay, 24 July 1957, coll. by Imperial Household Agency  
ZUMT 49683, 30.6 mm SL, Arasaki (local fishing ground), Hayama, Miura, eastern Sagami Bay, 11 June 1957, coll. by Imperial Household Agency

**Shizuoka Pref.**

ZUMT 69412, 32.1 mm SL, Cape Tsumekizaki, Suzaki, Shimoda, Sagami Bay, 14 Dec. 2024, coll. by D. Oyama et al.

**Okinawa Pref.**

ZUMT 4950, 58.1 mm SL, Tomari, Okinawa-jima I., Ryukyu Is., 17 Apr. 1901, coll. by K. Mitsukuri  
ZUMT 14502, 77.0 mm SL, ZUMT 14503, 53.2 mm SL, Ryukyu Is., 24 Mar. 1925, coll. by S. Sakaguchi  
ZUMT 37930, 51.8 mm SL, Kerama Is., Ryukyu Is., Apr. 1924  
ZUMT 40435, 70.5 mm SL, Ryukyu Is., 20 May 1921, coll. by S. Sakaguchi  
ZUMT 58276, 40.7 mm SL, ZUMT 58277, 49.6 mm SL, Hoshizuna-no-hama beach, Iriomote-jima I., Yaeyama Is., Ryukyu Is., 12 July 1988, coll. by H. Senou and M. Aizawa  
ZUMT 58590, 47.8 mm SL, Hoshizuna-no-hama beach, Iriomote-jima I., Yaeyama Is., Ryukyu Is., 16 July 1988, coll. by M. Aizawa  
ZUMT 58640, 4 specimens, 22.0–52.7 mm SL, Kabira, Ishigaki-jima I., Yaeyama Is., Ryukyu Is., 18 July 1988, coll. by H. Senou and M. Aizawa  
ZUMT 60519, 43.5 mm SL, ZUMT 60520, 41.2 mm SL, Hoshizuna-no-hama beach, Iriomote-jima I., Yaeyama Is., Ryukyu Is., 23 Aug. 1989, coll. by H. Senou and M. Aizawa

**PALAU**

ZUMT 68828, 37.9 mm SL, ZUMT 68829, 68.0 mm SL, precise locality unknown, Aug. 1936 to May 1937, coll. by T. Abe

## PHILIPPINES

ZUMT 25530, 72.5 mm SL, ZUMT 25531, 50.6 mm SL, precise locality unknown, 12 May 1933, coll. by A. W. Herre

### Precise locality unknown

ZUMT 48493, 63.9 mm SL, before 1957

ZUMT 63035, 68.5 mm SL, no data

*Scorpaenodes kelloggi* (Jenkins, 1903) スズメイソカサゴ

## USA

ZUMT 57570, 4 specimens, 17.9–28.3 mm SL, Oahu, Hawaiian Is., 10 Apr. 1986, coll. by J. E. Randall

*Scorpaenodes* sp. イソカサゴ属の1種

The following poor condition juvenile specimen was not identifiable.

## JAPAN

ZUMT 41886, 25.6 mm SL, Hachijo-jima I., Izu Is., Sept. 1922, coll. by Y. Uchiyama

*Scorpaenopsis* Heckel, 1837 オニカサゴ属  
*Scorpaenopsis cirrosa* (Thunberg, 1793) オニカサゴ

## JAPAN

### Kanagawa Pref.

ZUMT 68816, 185.0 mm SL, Zaimokuza Beach, Sagami Bay, Kamakura, 2 May 1932, coll. by T. Abe

ZUMT 68822, 185.0 mm SL, Zaimokuza Beach, Sagami Bay, Kamakura, Feb. 1934, coll. by T. Abe

### Nagasaki Pref.

ZUMT 2593, 197.0 mm SL, precise locality unknown, 1 Aug. 1909, coll. by Nagasaki Normal School

ZUMT 50542, 200.0 mm SL, probably Nagasaki Pref., 26 Aug. 1959, coll. by Y. Tominaga

### Precise locality unknown

ZUMT 3647, 190.0 mm SL, Tokyo Market, Jan. 1913

*Scorpaenopsis cotticeps* Fowler, 1938 ヒメサツマカサゴ

## JAPAN

ZUMT 2713, 64.9 mm SL, Nagasaki Pref. (precise locality unknown), Apr. 1910, coll. by Nagasaki Normal School

*Scorpaenopsis diabolus* (Cuvier, 1829) ニライカサゴ

## JAPAN

ZUMT 44117, 126.7 mm SL, Hachijo-jima I., Izu Is., Tokyo, Sept. 1922, coll. by M. Uchiyama

*Scorpaenopsis neglecta* Heckel, 1837 サツマカサゴ

**JAPAN**

**Kanagawa Pref.**

ZUMT 48573, 40.9 mm SL, Misaki, Miura, eastern Sagami Bay, 7 Nov. 1955, coll. by I. Tomiyama

**Shizuoka Pref.**

ZUMT 27166, 49.3 mm SL, Hamanako, 13 Sept. 1934, coll. by S. Oe

**Kochi Pref.**

ZUMT 18647, 125.4 mm SL, Suzaki, Tosa Bay, 2 Nov. 1928, coll. by T. Kamohara

ZUMT 24309, 83.5 mm SL, Mimase, Tosa Bay, 29 Nov. 1931, coll. by T. Kamohara

ZUMT 43301, 82.9 mm SL, probably Kochi Pref., before 1940, coll. by Joto Normal School

ZUMT 47128, 92.2 mm SL, precise locality unknown, before 1956

**Ehime Pref.**

ZUMT 7152, 100.0 mm SL, Uchiumi, Minami-uwa, 7 Nov. 1915, coll. by K. Otsuki

**Kagoshima Pref.**

ZUMT 3863, 80.7 mm SL, Chosa, Aira, Kagoshima Bay, before 1915, coll. by Z. Tashiro

ZUMT 20140, 94.5 mm SL, ZUMT 20156, 125.1 mm SL, ZUMT 20191, 76.2 mm SL, precise locality unknown, before 1930

ZUMT 26540, 122.1 mm SL, ZUMT 26869, 111.7 mm SL, ZUMT 26890, 62.7 mm SL, precise locality unknown, before 1933

ZUMT 26949, 59.6 mm SL, precise locality unknown, 31 Aug. 1934

ZUMT 29616, 81.8 mm SL, Kakeroma-jima I., Amami Is., 23 Aug. 1910, coll. by K. Enoya

ZUMT 32911, 122.4 mm SL, precise locality unknown, before 1936

ZUMT 40486, 86.1 mm SL, ZUMT 40490, 122.5 mm SL, precise locality unknown, before 1940

*Scorpaenopsis papuensis* (Cuvier, 1829) ウルマカサゴ

**JAPAN**

ZUMT 19415, 180.3 mm SL, Hachijo-jima I., Izu Is., Tokyo, before 1929, coll. by Y. Oshizu

*Scorpaenopsis possi* Randall and Eschmeyer, 2002 ミミトゲオニカサゴ

**JAPAN**

ZUMT 12318, 140.1 mm SL, probably Amami-oshima I., Ryukyu Is., Kagoshima Pref., before 1926

ZUMT 64575, 85.0 mm SL, Shizuoka Pref. (precise locality unknown)

*Scorpaenopsis ramaraoi* Randall and Eschmeyer, 2002 イヌカサゴ

**TAIWAN**

ZUMT 37442, 109.7 mm SL, Keelung, Taipei, Sept. 1908

**PHILIPPINES**

ZUMT 39595, 127.4 mm SL, Manicahan, Zamboanga, 20 Dec. 1936, coll. by U. Yamamura and Y. Yamamura

**MALAYSIA**

ZUMT 63210, 90.5 mm SL, Sarawak, Borneo I., before 1961, donated from T. Harrison (Sarawak Museum) to I. Tomiyama in 1961

***Scorpaenopsis venosa* (Cuvier, 1829)** ヒュウガカサゴ

**TAIWAN**

ZUMT 2168, 141.3 mm SL, Keelung, Taipei, before 1911

***Sebastapistes* Gill, 1877** マダラフサカサゴ属

***Sebastapistes mauritiana* (Cuvier, 1829)** ハチジョウフサカサゴ

**JAPAN**

ZUMT 29691, 50.5 mm SL, Tehena, Kakeroma-jima I., Amami Is., Kagoshima Pref., 23 Aug. 1910

***Sebastapistes perplexa* Motomura, Aizawa and Endo, 2014** アカマダラフサカサゴ

**JAPAN**

ZUMT 19235, 19.0 mm SL, Hachijo-jima I., Izu Is., Tokyo, 1 July 1929, coll. by Y. Otsuki

***Sebastapistes strongia* (Cuvier, 1829)** マダラフサカサゴ

**JAPAN**

ZUMT 4925, 43.2 mm SL, Ishigaki-jima I., Yaeyama Is., Ryukyu Is., Okinawa Pref., Apr. 1899

**PHILIPPINES**

ZUMT 42036, 43.2 mm SL, Basilan I., 1926, coll. by U. Yamamura and Y. Yamamura

***Thysanichthys* Jordan and Starks, 1904** フンドウカサゴ属

***Thysanichthys crossotus* Jordan and Starks, 1904** フンドウカサゴ

**JAPAN**

ZUMT 50936, 79.6 mm SL, Tsunone (local fishing ground), Hayama, Miura, eastern Sagami Bay, 29 July 1959

***Scorpaeninae* indet. gen. and sp.** フサカサゴ亜科の 1 種

The following poor condition juvenile specimens were not identifiable.

**JAPAN**

**Chiba Pref.**

ZUMT 34254, 25.7 mm SL, ZUMT 34255, 29.4 mm SL, Tateyama Bay, Tateyama, July 1917, coll. by A. Takahashi

**Tokyo**

ZUMT 42804, 2 specimens, 21.3–25.2 mm SL, Hachijo-jima I., Izu Is., Sept. 1922, coll. by M. Uchiyama

**Shizuoka Pref.**

ZUMT 31112, 21.2 mm SL, ZUMT 31113, 18.4 mm SL, Shizuura (Suruga Bay), Numazu, coll. by N. Kuroda

ZUMT 34728, 23.9 mm SL, Numazu, donated from S. Yamamoto

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## References

- Aizawa, M., K. Koeda, H. Hata, K. Sakamoto, and R. Ueshima. 2024. Fish types deposited in the Department of Zoology, The University Museum, The University of Tokyo — Part 4: Lophiiformes, Beloniformes, Lampridiformes, Ateleopodiformes, Stephanoberyciformes, Beryciformes, Zeiformes, Gasterosteiformes, Mugiliformes, and the suborders Scorpaenoidei and Cottoidei of the order Perciformes. The University Museum, The University of Tokyo Material Reports, 132: 213–251.
- Fricke, R., W. N. Eschmeyer, and R. Van der Laan (eds) 2024. Eschmeyer’s Catalog of Fishes: Genera, Species, References. (<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>). Electronic version accessed 8 January 2025.
- Honda, K., H. Senou, and H. Wada. 2024. Revised checklist of fishes of Sagami Bay, Japan. Bulletin of the Kanagawa Prefectural Museum (Natural Science), 53: 127–218.
- Hoshino, K. and H. Motomura. 2021. Redescriptions of the Indo-Pacific scorpionfishes *Scorpaenodes kelloggi* (Jenkins 1903) and *Scorpaenodes hirsutus* (Smith 1957) (Scorpaenidae). Ichthyological Research, doi: 10.1007/s10228-021-00818-1 (7 June 2021), 69: 111–124 (10 Jan. 2022).
- Koeda, K., H. Hata, M. Aizawa, K. Sakamoto, and R. Ueshima. 2022. History of the fish collection of the Department of Zoology, The University Museum, The University of Tokyo. The University Museum, The University of Tokyo Material Reports, 129: 1–24.
- Poss, S. G. 1999. Scorpaenidae. Scorpionfishes (also, lionfishes, rockfishes, stingfishes, stonefishes, and waspfishes). Pp. 2291–2352. In: Carpenter, K. E. and V. H. Niem (eds) FAO species identification guide for fishery purposes. The living marine resources of the western central Pacific. Vol. 4. Bony fishes part 2 (Mugilidae to Carangidae). FAO, Rome.
- Matsumoto, T. and H. Motomura. 2023. Taxonomic review of the *Neomerinthe bucephalus* species group (Teleostei: Scorpaenidae), with description of a new species from Vanuatu. Ichthyological Research, doi: 10.1007/s10228-023-00926-0 (7 Oct. 2023), 71: 13–39 (7 Jan. 2024).
- Matsumoto, T., N. Muto, and H. Motomura. 2023. *Neomerinthe ignea*, a new species of scorpionfish (Teleostei: Scorpaenidae) from the western Pacific Ocean, with a review of records of *N. erostris* (Alcock 1896). Ichthyological Research, doi: 10.1007/s10228-023-00931-3 (6 Nov. 2023), 71: 317–332 (3 Apr. 2024).
- Mochizuki, K. and H. Motomura. 2024. Distributional range extension of the shallow water scorpionfish *Parascorpaena poseidon* (Perciformes: Scorpaenidae), with a revised diagnosis of the species. Species Diversity, 29: 91–98. Doi: 10.12782/specdiv.29.91
- Morishita, S. and H. Motomura. 2018. First records of the Round Scorpionfish, *Neomerinthe erostris* (Scorpaenidae), from Japan. TAXA, Proceedings of the Japanese Society of Systematic Zoology, 44: 58–63. (In Japanese with English abstract) Doi: 10.19004/taxa.44.0\_58
- Motomura, H. 2004. Revision of the scorpionfish genus *Neosebastes* (Scorpaeniformes: Neosebastidae), with descriptions of five new species. Indo-Pacific Fishes, 37: 1–76.
- Motomura, H. 2024. List of Japan’s all fish species. Current standard Japanese and scientific names of all fish species recorded from Japanese waters. Online version 27. <https://www.museum.kagoshima-u.ac.jp/staff/motomura/jaf.html>
- Motomura, H., M. Aizawa, and H. Endo. 2014. *Sebastapistes perplexa*, a new species of scorpionfish (Teleostei: Scorpaenidae) from Japan. Species Diversity, 19: 133–139. Doi: 10.12782/sd.19.2.133
- Motomura, H., S. Arsuwan, and P. Musikasinthorn. 2010. *Thysanichthys evides* Jordan and Thompson, 1914, a senior synonym of *Sebastella littoralis* Tanaka, 1917, and a valid species of *Scorpaenodes* (Actinopterygii: Scorpaenidae). Species Diversity, 15: 71–81. Doi: 10.12782/specdiv.15.71
- Motomura, H. and Y. Kanade. 2015. Review of the scorpionfish genus *Pteroidichthys* (Scorpaenidae), with descriptions of two new species. Zootaxa, 4057: 490–510. Doi: 10.11646/zootaxa.4057.4.2



- Motomura, H., T. Yoshino, and N. Takamura. 2004. Review of the scorpionfish genus *Scorpaenopsis* (Scorpaeniformes: Scorpaenidae) in Japanese waters with three new records and an assessment of standard Japanese names. Japanese Journal of Ichthyology, 51: 89–115. (In Japanese with English abstract) Doi: 10.11369/jji1950.51.89
- Nakabo, T. and Y. Kai. 2013. Scorpaenidae. Scorpionfishes. Pp. 683–705, 1939–1946. In: Nakabo, T. (ed) Fishes of Japan with pictorial keys to the species. 3rd edition. Tokai University Press, Hadano.
- Wibowo, K. and H. Motomura. 2021. Review of Indo-Pacific species of the scorpionfish genus *Scorpaena* (Teleostei: Scorpaenidae), with descriptions of two new species from the west coast of Australia. Ichthyological Research, doi: 10.1007/s10228-021-00827-0 (10 Aug. 2021), 69: 199–235 (17 Apr. 2022).
- Yoshikawa, A. and Y. Kai. 2016. Revised diagnosis and genetic divergence of a poorly known scorpionfish, *Neosebastes multisquamus* (Scorpaeniformes: Neosebastidae). Marine Biodiversity, doi: 10.1007/s12526-016-0538-6 (29 July 2016), 48: 1255–1259 (June 2018).

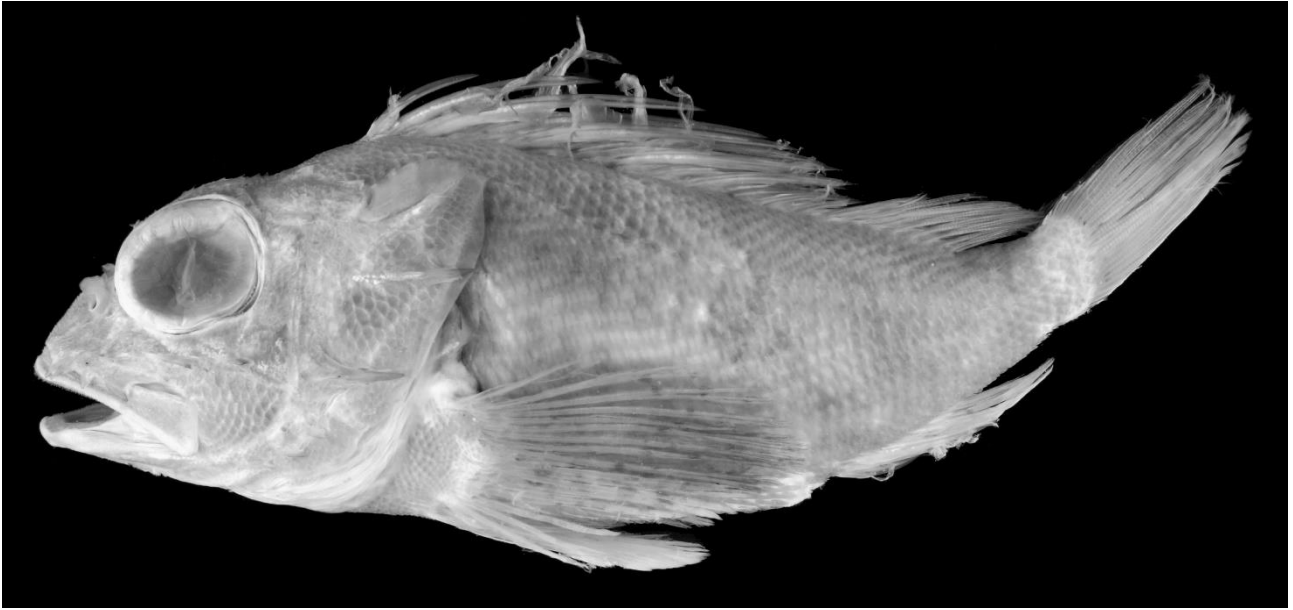


Figure 1. Specimen of *Neosebastes multisquamus* (ZUMT 23961, 138.5 mm SL, Kagoshima Bay, Kagoshima Pref., Japan).

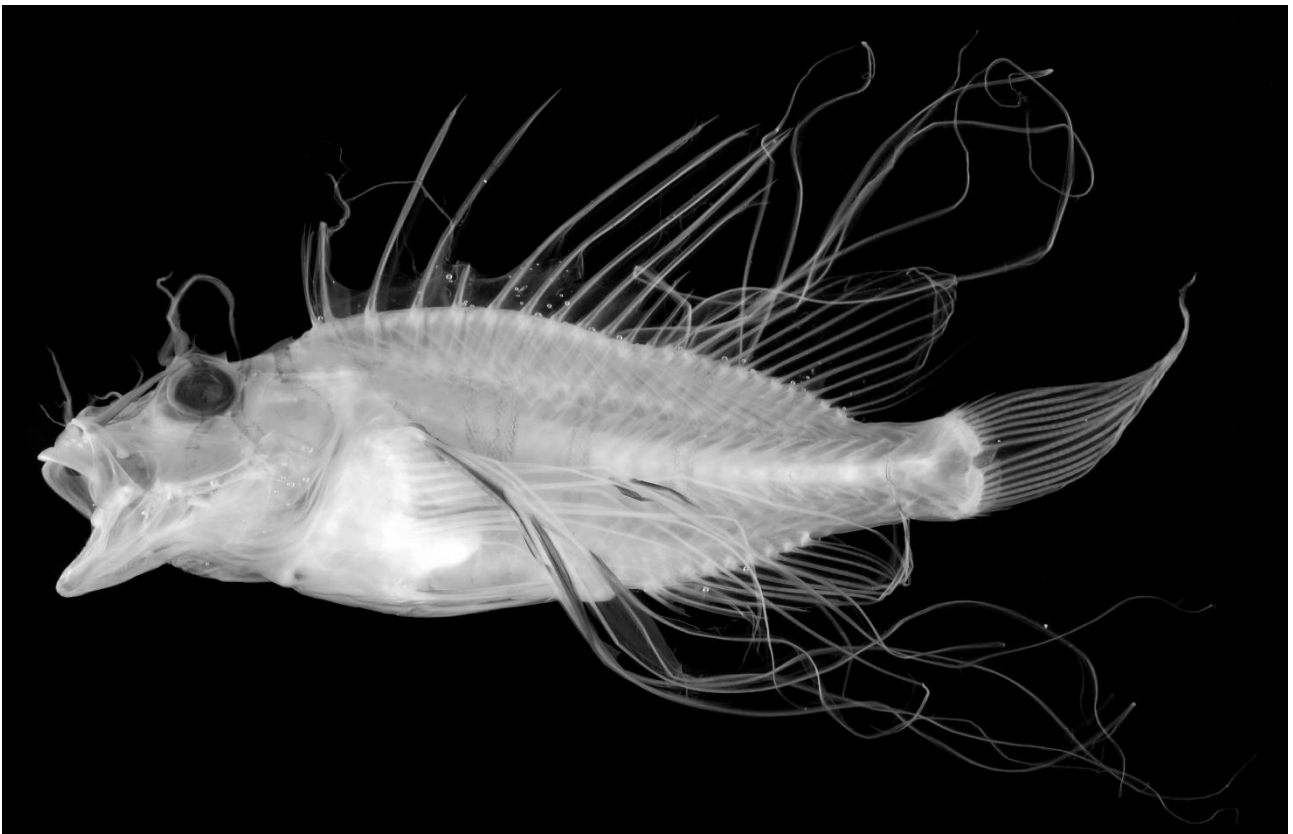


Figure 2. Specimen of *Pterois volitans* (ZUMT 18380, 46.7 mm SL, Niinumaura, Soma, Fukushima Pref., Japan).