

# Report on the specimens of family Oplegnathidae and Pentacerotidae (Teleostei: Aulopiformes) deposited in the Department of Zoology, The University Museum, The University of Tokyo

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## Abstract

The collection of Oplegnathidae and Pentacerotidae (Teleostei: Perciformes) deposited in the Department of Zoology, The University Museum, The University of Tokyo (ZUMT) were re-identified in the present study. In total 219 specimens (132 lots) of a single genus of two species including hybrids between these species were found for Oplegnathidae. Additionally, in total 35 specimens of three genera of four species for Pentacerotidae were found from the collection. No types are known for these families in ZUMT collection.

## Introduction

The fish collection of families Oplegnathidae and Pentacerotidae (Teleostei: Perciformes) which preserved in the Department of Zoology, The University Museum, The University of Tokyo (ZUMT) were re-identified in the present study. The species belonging to these families are often traded commercially in fish market and targeted for anglers (Araga 1997). Two species of Oplegnathidae inhabit in coastal water in temperate area, and three species of Pentacerotidae except for *Evistias acutirostris* (Temminck & Schlegel, 1844), inhabit in deep-sea. The specimens of these families were re-identified by the first author, and listed below.

## Materials and Methods

The specimens of Oplegnathidae and Pentacerotidae in ZUMT were re-identified in the present study, generally following Hatooka and Yagishita (2013ab). The standard length (SL) of the specimens were measured for all specimens. Species are arranged in alphabetical order. Local name, and collector's name and affiliation are given where known (from the specimen catalog or tag), with Japanese language equivalents in parentheses. The following list includes ZUMT number, SL, collection locality, collection date, collector or donator and affiliation, collection method, and remarks when available. The collection year and collector for some specimens was estimated by following Koeda et al. (2022). Although, some of the ZUMT specimens collected by Dr. Abe had not been formally cataloged into the ZUMT collection (and the data of some specimens not retained), such specimens which can recognize by having underbar with the number on the accompanying label, are listed herein with the number ZUMT ABE XXXX, due to the possibility of future discovery of Dr. Abe's remaining catalog books with collection data. Catalog numbers after ZUMT 62000 are newly given during this study.

## Collection of Oplegnathidae and Pentacerotidae in ZUMT

During this research, In total 219 specimens (132 lots) of a single genus of two species including hybrids between these species were found for Oplegnathidae. Additionally, in total 35 specimens of three genera of four species for Pentacerotidae were found from the collection. No types are known for this family in ZUMT collection. Although *Oplegnathus fasciatus* (Temminck & Schlegel, 1844) is known to have expanded its distributional range northward due to global warming, the present survey has confirmed that this species was presented in Hokkaido and Tohoku approximately 100 years ago. In contrast, specimens of *Oplegnathus punctatus* (Temminck & Schlegel, 1844), which share the same habitat with *O. fasciatus*, were not found north of Ibaraki Prefecture. These

facts suggest the possibility of that the difference in distribution between the two species may not have changed significantly over the past 100 years. Furthermore, in recent years, there have been occasional collection records of the former species in the Ryukyu Archipelago. As for the latter species, it is commonly fished and marketed. However, no specimens from this area were found in the ZUMT specimens in the present study.

**Oplegnathidae** インダイ科

***Oplegnathus*** Richardson, 1840 インダイ属

***Oplegnathus fasciatus*** (Temminck & Schlegel, 1844) インダイ

- ZUMT 1398:** 85.1 mm SL, Ibaraki Pref., 12 Oct. 1907, donated by M. Kobatsuzaki (小松崎三枝) at Ibaragi Prefectural Otsu Fisheries School (茨城県大津水産学校), local name “Shimadai (シマダイ)”.
- ZUMT 2330:** 135.2 mm SL, Nagasaki Pref., 3 July 1909, Probably I. Kaneko (金子一狼).
- ZUMT 3163:** 109.8 mm SL, Hamanako Lake (浜名湖), Shizuoka Pref., 28 Oct. 1911, T. Aoki (青木起雄).
- ZUMT 3288:** 161.1 mm SL, Ariake Sea (有明海), Nov. 1911, S. Kawakami (河上才次).
- ZUMT 3496:** 121.4 mm SL, Hamashima-mura (濱島村), Shima-gun (志摩郡)(presently Shima), 10 Mar. 1913, local name “Shimakurome (シマクロメ)”.
- ZUMT 5836:** 84.1 mm SL, Misaki (三崎), Kanagawa Pref.
- ZUMT 7110:** 114.8 mm SL, Pearl oyster farm at Uchiumi (内海), Ainan (愛南), Minamiura-gun (南宇和郡), Ehime Pref., 1 Dec. 1915, K. Otsuki (大月菊男) at Ehime Prefectural Fisheries Station (愛媛県水産試験場), local name “Koriio (コリオ)”.
- ZUMT 7415:** 79.6 mm SL, 諸寄 (Moroyose), Hyogo Pref., 12 Dec. 1916, K. Yamadori (山鳥吉五郎) at Mikage Normal School (御影師範学校), local name “Sobuguro (ソビグロ)”.
- ZUMT 8249:** 65.5 mm SL, Takashima (高島), Shiribeshi (後志), presently Otaru (小樽), 25 Sept. 1917, Hokkaido Fisheries Station (北海道水産試験場), local name “Shimadai (シマダイ)”.
- ZUMT 9266:** 84.2 mm SL, out of Urado Bay (浦戸湾外), Kochi (高知), Kochi Pref., Sept. 1919, S. Tanaka.
- ZUMT 10456:** 45.7 mm SL, Karatsu Bay (唐津湾), 29 July 1920, K. Yamashita (山下幸平) at Saga Junior High School (佐賀中学校).
- ZUMT 11302:** 75.0 mm SL; **ZUMT 11313:** 84.5 mm SL, Muroran (室蘭), Hokkaido, before 1923, M. Tsuda (津田美津彦) at Muroran Branch of Hokkaido Fisheries Station (北海道水産試験場室蘭支場).
- ZUMT 11436:** 102.0 mm SL, Shimonoseki (下関), T. Kumada (熊田頭四郎), trawl.
- ZUMT 12102:** 70.2 mm SL, near Tokyo, local name “Shimakodai (シマコダイ)”.
- ZUMT 12945:** 58.0 mm SL; **ZUMT 12946:** 67.5 mm SL, Aomori Pref., before 1924, S. Tanabe (田辺貞夫).
- ZUMT 13130:** 110.7 mm SL, Shirahamasaki (白浜崎) or Fudosaki (不動崎) at Miyako Bay (宮古湾), before 1924, S. Tanabe, local name “Shimadai (シマダヒ)”.
- ZUMT 13589:** 32.7 mm SL, Yoshihama (吉浜), Kesen-gun (気仙郡), presently Ofunato (大船渡), Iwate Pref., July 1921, G. Toba (鳥羽源蔵) at Iwate Normal School (岩手師範学校), local name “Shimadai (シマダヒ)”.
- ZUMT 13795:** 51.7 mm SL; **ZUMT 13796:** 63.9 mm SL, Muroran, Hokkaido, Sept. 1924, J. Katsuki (勝木重太郎) at Muroran Branch of Hokkaido Fisheries Station.
- ZUMT 13882:** 118.6 mm SL; **ZUMT 13883:** 95.3 mm SL, Kesen (気仙), presently Kesenuma (気仙沼), Iwate Pref., 5 Dec. 1924, G. Toba at Iwate Normal School, local name “Shimadai (シマダヒ)”.
- ZUMT 15827:** 88.8 mm SL, Shimizu (清水), Shizuoka Pref., before 1926.
- ZUMT 16442:** 49.6 mm SL, probably Okayama Pref., K. Matsushima (松島克生) at Kojo Junior High School at Nishiehara Town, Okayama Pref. (岡山県西江原町興譲中学校).
- ZUMT 17716:** 75.7 mm SL; **ZUMT 17717:** 73.6 mm SL; **ZUMT 17718:** 53.7 mm SL, Shizuura (静浦), Shizuoka Pref., N. Kuroda (黒田長礼).
- ZUMT 18114:** 53.5 mm SL, probably Wakayama Pref., I. Hoshino (星野伊三郎) at Kainan Junior High School (海南中学校).
- ZUMT 19475:** 28.6 mm SL; **ZUMT 19476:** 44.3 mm SL; **ZUMT 19477:** 52.4 mm SL, probably Hamada (浜田), Shimane Pref., received on 14 Sept. 1929, H. Ban (伴 秀雅) at Shimane Prefectural Hamada Girl's Normal School (島根県濱田女子師範学校), local name “Sambaso (サンバソオ)”.

**ZUMT 20784:** 77.0 mm SL; **ZUMT 29810:** 81.6 mm SL, Misaki, Kanagawa Pref.

**ZUMT 23122:** 59.3 mm SL, probably Mie Pref., Aug. 1927, Y. Tsuchiga (槌賀安平) at Kimoto Junior High School (三重県南牟婁郡木本町木本中学校校長).

**ZUMT 23949:** 117.9 mm SL; **ZUMT 23950:** 114.4 mm SL, Yamanokuchi Market at Kagoshima City (鹿児島市山之口市場), Kagoshima Pref., local name “Hisha (ヒシヤ)”.

**ZUMT 24011:** 63.8 mm SL, Shibushi (志布志), Kagoshima Pref., local name “Urume (ウルメ)”.

**ZUMT 24320\*:** 208.3 mm SL, Tango-miyazu (丹後宮津), Nov. 1931, Kyoto Prefectural Fishery School (京都府水産講習所).

**ZUMT 24417:** 92.2 mm SL, Nigata Pref., identified on 28 Mar. 1932.

**ZUMT 25234:** 93.6 mm SL; **ZUMT 26263:** 55.7 mm SL (color anomaly), Yamaguchi Pref., identified on 17 Mar. 1933, M. Nagatomi (永富三治) at Onoda, Yamaguchi Pref.

**ZUMT 25580:** 111.6 mm SL, Onahama (小名浜), Fukushima Pref., identified on 27 May 1933, H. Tsunoda (角田春彦), local name “Ishidai (インダイ), Shimadai (シマダイ), Kimpachi (キンパチ)”.

**ZUMT 27381:** 40.5 mm SL, Koajiro (小網代), Aburatsubo (油壺), 27 July 1904, S. Tanaka (田中茂穂).

**ZUMT 27921:** 55.4 mm SL, southern Japan?, local name “Sambasou (サンバソウ)”.

**ZUMT 31239:** 90.0 mm SL; **ZUMT 31279\*:** 280.5 mm SL; **ZUMT 31324:** 56.4 mm SL, Matsue (松江), Shimane Pref., before 1935, R. Yanai (柳井隆一) at Matsue High School (松江高等学校).

**ZUMT 31660:** 33.7 mm SL, probably Ibaraki Pref., K. Tashiro (田代清友) at Ibaraki Prefectural Fisheries Station (茨城県水産試験場).

**ZUMT 32500:** 104.8 mm SL, Toyama Bay (富山湾), Apr. 1935, donated by Mr. Yoshida (吉田).

**ZUMT 33417:** 55.4 mm SL; **ZUMT 33418:** 56.3 mm SL; **ZUMT 33419:** 57.7 mm SL; **ZUMT 33420:** 23.6 mm SL; **ZUMT 33421:** 86.9 mm SL, Katsuura (勝浦), Chiba Pref., local name “Dekki (デッキ)”.

**ZUMT 33583:** 56.4 mm SL, Gogoshima Island (興居島), Iyo (伊豫), presently Ehime Pref., May 1901, S. Kataoka (片岡篤弼).

**ZUMT 33584:** 54.6 mm SL, Yokohama-honmoku (横浜本牧), Kanagawa Pref.

**ZUMT 33645:** 69.3 mm SL, Yamaguchi Pref., identified on 4 Oct. 1933, M. Nagatomi at Onoda, Yamaguchi Pref.

**ZUMT 34092:** 106.6 mm SL; **ZUMT 34093:** 98.7 mm SL; **ZUMT 34094:** 54.9 mm SL, Onahama, Fukushima Pref., identified on 27 May 1933, H. Tsunoda.

**ZUMT 35303:** 43.9 mm SL, near Tokyo.

**ZUMT 37491:** 109.6 mm SL; **ZUMT 37492:** 94.0 mm SL; **ZUMT 37493:** 107.0 mm SL, ?Misaki or Ushimado, Kanagawa Pref. (三崎?牛窓?), before 1936, S. Miyoshi (三好晋) at Mito High School (水戸高等学校).

**ZUMT 40303:** 103.1 mm SL, Ogasawara Islands.

Remarks: According to the ZUMT specimen ledger, this catalog number is recorded as *Trachinotus jordani* Wakiya, 1924 "Kobanaji". However, during the investigation of the Carangidae specimens by Hata et al. (2023), no specimen labeled with this number was found, leading us to conclude that it was an entry error.

**ZUMT 41307:** 102.5 mm SL; **ZUMT 41308:** 97.6 mm SL; **ZUMT 41309:** 99.2 mm SL; **ZUMT 41318:** 73.4 mm SL; **ZUMT 41319:** 101.9 mm SL; **ZUMT 44772:** 84.0 mm SL; **ZUMT 44773:** 96.3 mm SL, Namerikawa (滑川), Uozu (魚津), Toyama Pref., I. Tomiyama (富山一郎).

**ZUMT 41728:** 113.4 mm SL; **ZUMT 41729:** 97.5 mm SL; **ZUMT 41789:** 94.5 mm SL, Asamushi (浅虫), Aomori Pref., probably 1914–1924, S. Tanabe (田辺貞夫).

**ZUMT 43045:** 48.8 mm SL, Otaru (小樽), Hokkaido, before 1942.

**ZUMT 43256, 43257:** 23 specimens, 28.0–68.3 mm SL, Misaki (三崎), Kanagawa Pref.

**ZUMT 43280:** 60.1 mm SL; **ZUMT 43281:** 86.8 mm SL, Fukura (福良), Awaji-shima Island (淡路島), Hyogo Pref., R. Uchiyama (内山柳太郎).

**ZUMT 44659:** 50.4 mm SL, Sumoto (洲本), Awaji-shima Island, Hyogo Pref., probably R. Uchiyama.

**ZUMT 45330:** 56.4 mm SL, probably Chiba Pref., M. Yosezato (與世里盛春) at Naruto Junior High School (千葉県成東中学校).

**ZUMT 48328:** 18 specimens, 17.0–36.6 mm SL, between Oiso (大磯) and Izu Oshima (伊豆大島), 3 July 1933.

**ZUMT 50393:** 138.8 mm SL, Hirado (平戸), Nagasaki Pref., June 1953, I. Tomiyama.

**ZUMT 50664:** 102.6 mm SL, fish market at Beppu (別府), Oita Pref., 11 Sept. 1959, Y. Tominaga (富永義昭).

**ZUMT 51344:** 115.5 mm SL, Norin-kaiku 169 (農林海区 169 区), East China Sea (東シナ海), 14 Nov. 1959.

**ZUMT 56843:** 39.6 mm SL, in front of the Misaki Station (三崎臨海実験所前), Aburatsubo Bay (油壺湾), Kanagawa Pref., 1 Aug. 1987, probably Y. Tominaga.  
**ZUMT 62898:** 7 specimens, 55.6–97.9 mm SL; **ZUMT 63071:** 4 specimens, 67.4–99.2 mm SL; **ZUMT 63120:** 68.4 mm SL; **ZUMT 63243:** 81.5 mm SL; **ZUMT 63576:** 117.2 mm SL; **ZUMT 63577:** 99.5 mm SL; **ZUMT 63579:** 58.3 mm SL; **ZUMT 63580:** 34.9 mm SL; **ZUMT ABE 60-48:** 150.5 mm SL; **ZUMT ABE 61-1048:** 59.3 mm SL; **ZUMT ABE 61-1094:** 49.1 mm SL, locality unknown.

*Oplegnathus punctatus* (Temminck & Schlegel, 1844) イシガキダイ

**ZUMT 1397:** 87.8 mm SL, Ibaraki Pref., 12 Oct. 1907, donated by M. Kobatsuzaki (小松崎三枝) at Ibaragi Prefectural Otsu Fisheries School (茨城県大津水産学校), local name “Komondai (コモンダイ)”.  
**ZUMT 2479\*:** 189.4 mm SL, Nagasaki Pref., Aug. 1909, probably I. Kaneko (金子一狼), local name “Fuzadai (フサダヒ)”.  
**ZUMT 4350\*:** 180.7 mm SL, fish market at Saiki (佐伯), Oita Pref., 31 Jan. 1915, K. Suito (出納国満), local name “Chisha (チンヤ)”.  
**ZUMT 4402\*:** 156.6 mm SL, Nishihamada (西浜田), Iwami (石見), Shimane Pref., before 1915, Sekishu-Iwami Fisheries Research Station (石州石見水産研究所).  
**ZUMT 5011:** 139.4 mm SL, locality unknown, before 1915, Y. Haneda (羽根田彌太).  
**ZUMT 5012:** 157.2 mm SL; **ZUMT 5013:** 151.7 mm SL, locality unknown, probably Tokyo (東京か?), before 1916.  
**ZUMT 5130:** 57.5 mm SL, Misaki, Kanagawa Pref., before 1916.  
**ZUMT 33902:** 59.8 mm SL, probably Tokyo Market, before 1926.  
**ZUMT 13402:** 59.5 mm SL, Shizuura (静岡), before 1926, N. Kuroda (黒田長礼).  
**ZUMT 16701\*:** 213.9 mm SL, probably Yokosuka (横須賀), Kanagawa Pref., H. Tsubota (坪田久福) at Yokosuka.  
**ZUMT 19200:** 73.5 mm SL, Hachijo-jima Island (八丈島), 1 July 1929, Y. Otsuki (大槻洋四郎) at Hachijo-jima Island.  
**ZUMT 19490\*:** 238.7 mm SL, Mitsune (三根), Hachijo-jima Island, before 1929, probably Y. Oshizu (押津義雄).  
**ZUMT 19983\*:** 267 mm SL, Misaki, Kanagawa Pref., before 1930.  
**ZUMT 25235\*:** 141.5 mm SL, probably Onoda (小野田), Yamaguchi Pref., identified on 17 Mar. 1933, M. Nagatomi (永富三治).  
**ZUMT 28324:** 45.1 mm SL, Chiba Pref., 1927, S. Kohama (小浜 秀) at Chiba Girls Normal School (千葉県女子師範学校).  
**ZUMT 31244:** 71.8 mm SL, **ZUMT 31493\*:** 280.7 mm SL, Matsue (松江), before 1935, Shimane Pref., R. Yanai (柳井隆一) at Shimane Prefectural Matsue High School (島根県松江高校).  
**ZUMT 32620:** 41.3 mm SL, probably Shizuura, Jan. 1932, N. Kuroda.  
**ZUMT 33413:** 97.0 mm SL, Katsuura (勝浦), Chiba Pref., before 1936.  
**ZUMT 37580:** 85.4 mm SL, ?Misaki or Ushimado (三崎? 牛窓か?), Kanagawa Pref., before 1936, S. Miyoshi (三好 晋) at Mito High School (水戸高等学校).  
**ZUMT 39366:** 28.4 mm SL; **ZUMT 39367:** 28.0 mm SL, locality unknown.  
**ZUMT 41207\*:** 213.1 mm SL, Namerikawa, Uozu, Toyama Pref., I. Tomiyama.  
**ZUMT 43285:** 83.3 mm SL; **ZUMT 43286:** 83.2 mm SL, Fukura, Awaji-shima Island, Hyogo Pref., R. Uchiyama.  
**ZUMT 44133\*:** 209.0 mm SL, Hachijo-jima Island, Sept. 1922, M. Uchiyama (内山 操).  
**ZUMT 48348:** 6 specimens, 30.2–71.6 mm SL, between Oiso and Izu Oshima, 3 July 1933.  
**ZUMT 63581:** 3 specimens, 61.6–70.2 mm SL, locality unknown.

Hybrid between *O. fasciatus* and *O. punctatus*

**ZUMT 12103**: 77.4 mm SL; probably Tokyo Market, before 1926.

**ZUMT 25694**: 75.1 mm SL, probably Himi (氷見), Toyama Pref., before 1933, M. Ota (太田外正) at Toyama Prefectural Himi Junior Highschool (氷見中学校).

**ZUMT 41356\***: 108.4 mm SL, Namerikawa, Uozu, Toyama Pref., I. Tomiyama.

**ZUMT 63582**: 107 mm SL, locality unknown.

**Pentacerotidae** カワビシヤ科

*Histiopterus* Temminck & Schlegel, 1844 カワビシヤ属

*Histiopterus typus* Temminck & Schlegel, 1844 カワビシヤ

**ZUMT 3626**: 178.0 mm SL, off northwestern coast of Kyuhyu (九州北西岸沖), before 1912, N. Yanagi (柳直勝).

**ZUMT 3817**: 140.9 mm SL, Tokyo, before 1913.

**ZUMT 4183**: 46.9 mm SL, Misaki, Kanagawa Pref., before 1914, I. Oga (大賀一郎).

**ZUMT 8324**: 49.5 mm SL; **ZUMT 8549** (cloth tag of 838): 149.0 mm SL, Kishu-tanabe (紀州田辺), Wakayama Pref., before 1915, N. Ui (宇井縫藏), rare, local name unknown.

**ZUMT 11371**: 67.5 mm SL, Shimonoseki (下関), Yamaguchi Pref., before 1923, T. Kumada (熊田頭四郎), trawled.

**ZUMT 13641\***: 199.7 mm SL, 150 miles off northeast of Houkasho (彭佳嶼), Keelung (基隆), Taiwan, before 1923, T. Aoki.

**ZUMT 21989**: 56.6 mm SL, around Wakayama, Wakayama Pref., Jan. 1920.

**ZUMT 23733**: 163.5 mm SL, locality unknown (purchased at Noto Peninsular), H. Kawashima (川島弘) at No. 4 High School (第四高等学校).

**ZUMT 31499\***: 196.9 mm SL, Matsue, Shimane Pref., before 1935, R. Yanai at Shimane Prefectural Matsue High School.

**ZUMT 33661**: 83.7 mm SL, Aichi Pref., received on 30 Oct. 1933, Aichi Prefectural Fisheries Experimental Station (Osaki, Toyohashi, Aichi Pref., Japan) [愛知県水産試験場 (豊橋市大崎町)].

**ZUMT 50981**: 140.3 mm SL, off Hayama (葉山), Kanagawa Pref., 6 Dec. 1959, Teguri-ami (手繰網).

**ZUMT 51166**: 129.5 mm SL, East China Sea, Jan. 1960.

**ZUMT 52013\***: 200.0 mm SL, Norin-kaiku 319 (農林319区), East China Sea, May 1960, F/V No. 51 Ten-yo-maru (第51天洋丸).

**ZUMT 63439**: 46.6 mm SL; **ZUMT ABE 57-345**: 45.8 mm SL; **ZUMT ABE 59-42**: 46.6 mm SL; **ZUMT ABE 60-1582**: 53.6 mm SL, **ZUMT ABE 60-1930**: 41.9 mm SL, locality unknown.

**ZUMT ABE 62-26**: 52.1 mm SL, Manazuru, west of Sagami Bay, Kanagawa Pref., 13 Jan. 1962.

**ZUMT ABE 62-518**: 55.0 mm SL, **ZUMT ABE 62-537**: 52.5 mm SL, Manazuru, west of Sagami Bay, Kanagawa Pref., 21–26 Apr. 1962.

*Pentaceros* Cuvier, 1829 ツボダイ属

*Pentaceros wheeleri* (Hardy, 1983) クサカリツボダイ

**ZUMT ABE 57-125\***: 128.3 mm SL; **ZUMT ABE 57-126\***: 307.9 mm SL; **ZUMT ABE 57-1257\***: 324.3 mm SL, locality unknown.

*Pentaceros japonicus* Steindachner, 1883 ツボダイ

**ZUMT 4465**: 172.5 mm SL; **ZUMT 12104**: 63.1 mm SL; **ZUMT 12742**: 180.5 mm SL, Tokyo Market, local

name “Fuefukitai (フエフキタイ)”, “Warushi (ワルシ)”.

**ZUMT 21686:** 149.7 mm SL, Kochi market (高知市場), Kochi Pref., 8 June 1929, T. Kamohara (蒲原稔治) at Kochi High School (高知高等学校).

**ZUMT 25599:** 113.9 mm SL, off Onahama, Fukushima Pref., 400 m depth, 3 Apr. 1933, H. Tsunoda at Onahama Elementary School (小名濱小学校), rare.

**ZUMT 32842:** 105.2 mm SL, Shizuoka Pref., before 1936, Hamamatsu Girls High School (浜松高等女学校).

**ZUMT 47214:** 147.2 mm SL, Kochi Pref.

**ZUMT 49194:** 174.6 mm SL, Joga-shima (城ヶ島), Misaki, Kanagawa Pref., 17 Feb. 1958, I. Tomiyama.

**ZUMT 63438:** 163.1 mm SL, locality unknown.

*Evistias* Jordan, 1907 テングダイ属

*Evistias acutirostris* (Temminck & Schlegel, 1844) テングダイ

**ZUMT 57556\*:** 179.9 mm SL, Makapuu, Oahu Island, Hawaiian Islands, 10 Mar. 1987, donated by M. L. Awai and S. Kaiser.

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