

# **Report on the cephalopod collection inventory of the Department of Zoology, the University Museum, the University of Tokyo**

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The collection of marine animals preserved in the University Museum, the University of Tokyo contains many specimens that were collected in the early period of history of the development of Department of Zoology, Tokyo (Imperial) University and establishment of Misaki Marine Biological Laboratory. The cephalopod collection similarly contains specimens collected during about 1880 to 1910 by the famous collector Kumakichi Aoki as well as eminent scholars, such as Isao Iijima, Kakichi Mitsukuri among others. The most valuable specimens are the holotypes and syntypes of Iijima & Ikeda (1895), Sasaki (1913, 1915, 1916, 1918, 1929) and Wakiya & Ishikawa (1921). Some non-type specimens inspected by Sasaki (1929) for his epoch-making monograph of the Japanese cephalopod fauna are also extant. The collection has been well-investigated by Dr. Ian G. Gleadall for the period from 1992 to 2003. His notes attached to the specimens are of great help for the present inventory. Gleadall (2003) will soon publish elsewhere the results of his careful investigation on the type specimens.

## **The condition and scientific/historical background of the collection**

Most of the specimens had been originally accommodated in glass jars with glass stoppers, before they were transferred to new plastic jars with 75% ethanol. In transferring, I.G. Gleadall and/or Alejandro Salcedo-Vargas (a Mexican student) transcribed the data on old labels to the new ones with notes of their own taxonomic comments or observations of the condition of specimens. The original field labels were mostly written in vertical in Japanese script describing precise locality, date, collector's name, and occasionally some ecological notes. Some specimens have added another cloth label in English with scientific name by subsequent identification.

Among these labels, the handwriting of M. Sasaki and other scholars are sometimes recognized (Okutani, 2002). It is axiomatic that the majority of specimens were collected near Misaki in Sagami Bay, mostly by K. Aoki whose collecting skill was as famous as that of Lobianco in Napoli (Isono, 1988). Others were purchased in Tokyo Fish Market. Several specimens only were from Kagoshima Prefecture (from a collecting trip by K. Mitsukuri & J. Hara in 1896), Suruga Bay, the Boso Peninsula and other localities. A few specimens from exotic localities were also found.

The collection also contains the voucher specimens of non-taxonomic studies. A good example is a series of *Watasenia scintillans* collected by Shozaburo Watase

from Namerikawa, Toyama Bay. The photophores on the tip of the ventral arms of all specimens were cut off, as they were all used for the study on bioluminescence by Watase. These specimens were dated 1905, although *Watasenia scintillans* (as *Abraliopsis*) was not described until 1911 by Berry.

Many cephalopod species had been collected before they were described as new. Some examples are: *Chroteuthis imperator* Chun, 1910, was collected in 1882 by K. Aoki 28 years before the original description; *Sepia lorigera* Wulker, 1910 was purchased in 1883; and *Sepia appelloefi* Wulker, 1910, was collected from Kagoshima by K. Mitsukuri and J. Hara in 1896. The earliest description by Japanese authors may be that by Iijima and Ikeda on *Opisthoteuthis depressa* in 1895. Sasaki started to describe new taxa in the 1910's.

These observations tell us the early history of the zoologists' activities associated with Department of Zoology and/or Misaki Marine Biological Laboratory, Tokyo (Imperial) University.

### **Type specimens of Madoka Sasaki**

The depository of the type specimens of Sasaki's taxa are all recorded in his monograph (1929) including those described earlier (1914, 1915, 1916, 1918, 1920). Among these, the types of 21 taxa were recorded as deposited in either "Tokyo Imp.Univ." or "Sc.Coll. Tokyo". Among them the 15 types of following are extant:

*Sepia subaculeata* Sasaki, 1914 [4 syntypes] (= *S. lycidas* Gray, 1849)

*Sepia robsoni* Sasaki, 1929 [7 syntypes] (= *S. madokai* Adam, 1939)

*Sepia erostrata* Sasaki, 1929 [Holotype]

*Sepia pardex* Sasaki, 1914 [Holotype] (= *S. pardalis* auct.)

*Sepia longipes* Sasaki, 1914 [Holotype]

*Sepia kobeensis beppuana* Sasaki, 1929 [9 syntypes] (= *S. kobeensis* Hoyle, 1885)

*Sepia tenuipes* Sasaki, 1929 [2 syntypes: *fide* Gleadall]

*Rossia borealis* Sasaki, 1913 [8 syntypes: *fide* Gleadall] (= *R. pacifica* Berry, 1911)

*Meleagroteuthis separata* Sasaki, 1915 [Holotype] (= *Histioteuthis meleagroteuthis* (Chun, 1910) )

*Ommastrephes volatilis* Sasaki, 1915 [5 syntypes] (= *Ornithoteuthis*)

*Symplectoteuthis luminosa* Sasaki, 1915 [More than 30 syntypes (9 by Gleadall)] (= *Eucleoteuthis*)

*Idioteuthis latipinna* Sasaki, 1916 [Holotype]

*Teuthowenia tagoi* Sasaki, 1929 [Holotype]

*Polypus fangsiao typicus* Sasaki, 1929 [12 syntypes: *fide* Gleadall] (= *Octopus fangsiao* d'Orbigny, 1841)

*Polypus variabilis pardalis* Sasaki, 1929 [Holotype] (= *Octopus minor* (Sasaki, 1929))

Some of the syntypes of five species that are mentioned to have been deposited in Hokkaido (Imperial) University were discovered in the present collection:

*Sepia kobeensis toyamensis* Sasaki, 1929 [1 of syntypes] (= *S. kobeensis* Hoyle, 1885)

*Sepiella japonica* Sasaki, 1929 [7 syntypes (2 by Gleadall)]

*Loligo beka* Sasaki, 1929 [24 syntypes](=*Loliolus (Nipponololigo)*)

*Polypus variabilis typicus* Sasaki, 1920 [More than 19 possible syntypes](=*Octopus minor* (Sasaki, 1929))

*Polypus fangsiao etchuanua* Sasaki, 1929 [1 of syntypes](=*Octopus fangsiao* d'Orbigny, 1841)

The conditions of Sasaki's types in the Hokkaido University were described in detail by Taki and Igarashi (1967). The syntypes of two more taxa are existing, despite there is no indication of their depository here in Sasaki (1929):

*Euprymna berryi* Sasaki, 1929 [At least 4 syntypes (25 by Gleadall)]

*Loligo edulis communis* (?=*nagaskensis*) Sasaki, 1929 [1 of possible syntypes]

Taki and Igarashi (1967) mentioned that they failed to discover the types of *Loligo beka* and *Euprymna berryi* in the collection of the Hokkaido University.

The type specimens of the following eight species should be in the present collection, but are no longer extant: *S. kubiensis crassa* Sasaki, 1929, *Sepiola parva* Sasaki, 1914, *S. birostrata* Sasaki, 1918, *Loligo tagoi* Sasaki, 1929, *Eledonella ijimai* Sasaki, 1929, *Polypus ovulum* Sasaki, 1917, *P. tenuicirrus* Sasaki, 1929, and *P. longispadiceus* Sasaki, 1917. The bottle with the label of the type of *Teuthowenia elongata* Sasaki, 1929 is empty.

Besides the type specimens, there are some specimens used for illustrations in Sasaki's monograph (1929), such as *Sepia misakiensis* (tentacle: noted by Gleadall), *Loligo bleekeri*, and *Hapalochlaena fasciata*. Also, many specimens were certainly seen by Sasaki, particularly for the locality records, such as: *Sepia esculenta*, *S. peterseni*, *Idiosepius paradoxus*, *Uroteuthis edulis*, *Loligo bleekeri*, *Loliolus japonicus*, *Sepioteuthis lessoniana*, *Watasenia scintillans*, *Histioteuthis dofleini*, *Todarodes pacificus*, *Chiroteuthis imperator*, *Leachia pacifica*, *Octopus vulgaris*, *O. kagoshimaensis*, *Ocythoe tuberculatus*, *Tremoctopus violaceus*, among others. There may be more specimens examined by Sasaki among those dissected, but none was specified as such.

Two octopuses were identified as *Polypus hakodatensis* (1 specimen) and *P. peni-rector* (3 specimens labeled "cotypes"), but these names have never appeared in any of Sasaki's works.

### **Type specimens of other authors**

*Opisthoteuthis depressa* Iijima & Ikeda, 1895 [Holotype]. Sasaki (1929) mentioned that he examined the dorsal cartilage of Iijima and Ikeda's "original specimen". Actually, the specimen was dissected. However, Sasaki gave the measurements of two specimens, a male and a female.

There are 3 specimens of *Alloposus pacificus* Iijima, 1902 (= *Haliphron atlanticus* Steenstrup, 1839). Sasaki (1929) mentioned that he examined the holotype, which had been collected by K. Aoki at Misaki on June 18, 1902. Among three specimens in the collection, two were collected from Misaki and Sagami Sea, but the date of them are March 29, 1902 and June 20, 1910, respectively. Gleadall (2003)

considered that they are syntypes, and such a minor incongruence of the date on the labels and the description may be due to the fact that it was either the date of collection or that of acquisition. One of the three specimens has no data.

Thirty-seven specimens of *Uroteuthis (Photololigo) edulis* of 5 lots are considered to be syntypes of *Loligo kensaki* Wakiya & Ishikawa, 1921 (Gleadall, 2003).

None of the type specimens of *Loligo uyii* Wakiya & Ishikawa, 1921, *L. edulis budo* Wakiya & Ishikawa, 1921, *Enoploteuthis chunii* Ishikawa, 1914 and *Moroteuthis loennbergi* Ishikawa & Wakiya, 1914 was discovered. There are three specimens of *M. loennbergi* in the collection, but they are all non-type specimens.

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**Notes added by the editor:** The manuscript of this paper was already submitted to the editor and was accepted for publication on November, 2003, but the actual publication of this catalogue was postponed to 2006 by the delay of manuscripts in other taxa. During the period, another catalogue of the same cephalopodan collection was published by Gleadall and Salcedo-Vargas (2004).

Reference: Gleadall, I.G. and Salcedo-Vargas, M.A. 2004. Catalogue of the cephalopoda specimens in the zoology department of Tokyo University Museum. *Interdisciplinary Information Science*, 10(2):113-142.

**Catalogue of the cephalopod collection of the Department of Zoology,  
the University Museum, the University of Tokyo**

Class CEPHALOPODA

Order Octopoda

Family Argonautidae カイダコ科

*Argonauta argo* Linnaeus, 1758 アオイガイ

UMUTZ-Mol-Cep-004; Number of specimen: 1 (♀ 1)

No data

Condition: Good

*Argonauta hians* Lightfoot, 1786 タコブネ

UMUTZ-Mol-Cep-033; Number of specimen: 3 (♀ 3)

Locality: Japan

Condition: Shell fair, but animal poor

Family Alloposidae カンテンダコ科

*Haliphron atlanticus* Steenstrup, 1861 カンテンダコ

UMUTZ-Mol-Cep-230; Number of specimen: 1

No data

Condition: Fair

UMUTZ-Mol-Cep-231; Number of specimen: 1

Locality: Mito, Hatsue-mura, Miura,

Date: 29. iii. 1902

Collector: 啓次親,

Condition: Fair

Remarks: A syntype of *Alloposus pacificus* Ijima in Ijima & Ikeda, 1902. Original no. 996.5.48 (see Gleadall, 2003). The label data “初声村三戸三浦 明治三五年三月廿九日 啓次親採集”, “*Alloposus pacificus* Ij. n. sp. m.s.”, “*Alloposus pacificus* Ijima (cf. *A. mollis*) ? Syntype”

UMUTZ-Mol-Cep-232; Number of specimen: 1

Locality: Sagami Sea

Date: 20. vi. 1910

Collector: Kumakichi Aoki

Condition: Fair

Remarks: A syntype of *Alloposus pacificus* Ijima in Ijima & Ikeda, 1902. Original no. 996.5.49. The label data “*Alloposus* cf. *mollis*”, “Dokesoba” (Sagami Sea), Hooked up June 20, 1910, K. Aoki Coll.” The date of collection (1910) may be error happened at conversion of the Japanese Meiji Era into the

Christian Era (Gleadall, 2003).

Family Octopodidae マダコ科

*Benthoctopus* sp. チヒロダコの1種

UMUTZ-Mol-Cep-227; Number of specimen: 1

Locality: 1500m

Date: 20. vi. 1906

Condition: Fair

*Haplochlæna fasciata* (Hoyle, 1886) ヒヨウモンダコ

UMUTZ-Mol-Cep-273; Number of specimen: 1 (♂)

Locality: Honshu, Aburatsubo Bay, Misaki

Date: 4. i. 1898

Collector: Kumakichi Aoki

Condition: Fair

Remarks: Examined and illustrated by Sasaki (1929, Plate XI, fig. 1).

UMUTZ-Mol-Cep-274; Number of specimen: 2 (small)

Locality: Sa shu (Sôshû?) [Sagami Province, = Kanagawa Pref.]

Date: viii. 1897

Condition: Dried out, in poor condition

*Octopus areolatus* de Haan, 1840 ヨツメダコ

UMUTZ-Mol-Cep-043; Number of specimen: 1 (♂)

Locality: 東支那海 農林 319~320 区

Date: 1-5. iv. 1960

Condition: Good but faded

Remarks: DML 37mm.

*Octopus berenice* Gray, 1849 マメダコ

UMUTZ-Mol-Cep-046; Number of specimen: 1 (♀ with eggs)

No data

Condition: Good

Remarks: DML 18mm.

*Octopus cf. ovulum* (Sasaki, 1917) ?イイダコモドキ

MUTZ-Mol-Cep-051; Number of specimen: 1 (♀)

No data

Condition: Fair

*Octopus cf. minor* (Sasaki, 1920) ?テナガダコ

UMUTZ-Mol-Cep-039; Number of specimen: 1 (♂ large)

Locality: Misaki, Sagami Bay 130 hiro [hiro= fathom = 178m]

Date: 9. viii. 1897

Collector: Kumakichi Aoki

Condition: Fair

*Octopus hongkongensis* Hoyle, 1885 アマダコ

UMUTZ-Mol-Cep-054; Number of specimen: 1 (♀)

Locality: Kagoshima, Kyushu

Date: viii. 1903

Collector: Kagoshima Prefectural Government.

Condition: Good.

UMUTZ-Mol-Cep-058; Number of specimen: 2 (♂ 1, ♀ 1)

No data

Condition: Intact ♀ fair; ♂ mantle only

*Octopus kagoshimensis* Ortmann, 1888 スナダコ

UMUTZ-Mol-Cep-289; Number of specimen: 1

Locality: Kisarazu

Date: 1929

Collector: Tokiharu Abe

Condition: Good

UMUTZ-Mol-Cep-018; Number of specimen: 1 (♂)

No data

Condition: Internal organs dissected and separated, put in same jar.

Remarks: =*Polypus granulatus*: Sasaki, 1929 (cf. measurements in p. 41).

UMUTZ-Mol-Cep-025; Number of specimen:

Locality: Natsui Beach, Ariake Bay, Miyazaki Pref., Kyushu

Date: 13. iv. 1896

Collector: K. Mitsukuri & J. Hara

Condition: Fair

UMUTZ-Mol-Cep-026; Number of specimen: 5

Locality: Kyushu, Kagoshima Market

Condition: 4 specimens out of 5 in quite good condition. Opened 1 small set of ♂reproductive organs.

Remarks: Sasaki (1929, p.40) mentioned as *Polypus granulatus* "six [specimens] from Kagoshima".

UMUTZ-Mol-Cep-027; Number of specimen: 5

Locality: Kagoshima

Date: 29. iii. 1896



Collector: K. Mitsukuri & J. Hara

Condition: Fair

Remarks: This lot probably forms a part of the series from Kagoshima examined by Sasaki (1929, p. 40).

UMUTZ-Mol-Cep-028; Number of specimen: 5+1

Locality: Boshu [Chiba Pref.], Honshu, Japan

Date: 2. v. 1906

Collector: K. Shimizu

Condition: 5 specimens plus 1 set of ♂ reproductive organs.

Remarks: Sasaki (1929, p. 40) mentioned of these specimens at the beginning of the description of *Polypus granulatus*.

UMUTZ-Mol-Cep-099-1; Number of specimen: 2

No data

Condition: Good

UMUTZ-Mol-Cep-100; Number of specimen: 1 (♂)

Date: 23. ix. 1891

Condition: Very good.

*Octopus luteus* (Sasaki, 1929) サメハダテナガダコ

UMUTZ-Mol-Cep-005; Number of specimen: 1 (♀?)

Locality: Kona, Izu Peninsula, Honshu.

Date: 14. x. 1899

Collector: Alan Owston

Condition: Good

*Octopus megalops* Taki, 1964 オオメダコ

UMUTZ-Mol-Cep-006; Number of specimen: 1 juvenile

Locality: Heda, Izu Peninsula

Date: xii. 1936

Condition: Fair

Remarks: DML 22mm.

*Octopus minor* (Sasaki, 1920) テナガダコ

UMUTZ-Mol-Cep-003; Number of specimen: 1

No data

Condition: Fair

UMUTZ-Mol-Cep-034; Number of specimen: 3

Date: ?1879

Condition: Fair

UMUTZ-Mol-Cep-035; Number of specimen: 1

Locality: Beppu, Bungo Prov. [Oita Pref.], Kyushu, Japan

Date: 13. iii. 1899

- Collector: Terasaki  
 Condition: Fair  
 Remarks: A syntype of *Polypus variabilis typicus* Sasaki, 1929, p. 94. Previous no. 994.CO-7 (see Gleadall, 2003). The label data "*Octopus macropus* Risso." was included with a specimen labelled "*O. areolatus*", which is now separate as see UMUTZ-Mol-Cep-272.
- UMUTZ-Mol-Cep-036; Number of specimen: 6 (♂ 6)  
 Locality: Haneda, Tokyo Bay, Japan  
 Date: 21. vi. 1882  
 Collector: Sasaki?  
 Condition: Good  
 Remarks: Syntypes of *Polypus variabilis typicus* Sasaki, 1929 p. 90. Original no. 994.CO-10 (see Gleadall, 2003). The label data "*Octopus cuvieri*, Orb. シヤクシダコ 東京湾羽田 明治十五年六月二十一日"
- UMUTZ-Mol-Cep-037; Number of specimen: 3 (♂ 1 mature, ♀ 2 small)  
 Locality: Tokyo Market  
 Date: 7. xii. 1882  
 Condition: Good  
 Remarks: *Octopus macropus*: Ikeda, 1891 pp. 528-529 lot #2. Syntypes of *Polypus variabilis typicus* Sasaki, 1929 p. 94.. Original no. 994.CO-11 (see Gleadall, 2003). The label data "*O. pusillus* Gould? 2small specimens", "*Octopus cuvieri* L. "shakushidako" Tokyo Market 十五年十二月七日小サキ二個", "大 *Polypus macropus* Risso 小=*P. peni-rector*? Tokyo Market".
- UMUTZ-Mol-Cep-038; Number of specimen: 1 (♀)  
 Locality: P'eng-hu Archipelago, Taiwan  
 Date: ?1897  
 Condition: Poor
- UMUTZ-Mol-Cep-040; Number of specimen: 4 (♂ 4, dissected)  
 Locality: Haneda, Tokyo Bay, Honshu, Japan  
 Date: 25. iv. 1906  
 Condition: Good, only 1 specimen has intact ligula  
 Remarks: Syntypes of *Polypus variabilis typicus*. Original no. 994.CO-15 (see Gleadall, 2003). The label data "*Polypus macropus* Risso. Haneda. April 25 1906", "*Octopus macropus* Risso. Haneda".
- UMUTZ-Mol-Cep-045; Number of specimen: 2 (♀ 2, nearly mature)  
 Locality: Western North Pacific, Japan, Honshu, Seto Sea, Kojima Bay [nr. Okayama City] [134° E 34° 36'N]  
 Date: 26. xii. 1906  
 Collector: K. Iizuka  
 Condition: Good  
 Remarks: Syntypes. Original no. 944.CO-16. The label data "児島湾 明治三十九年十二月二十六日 飯塚".

- UMUTZ-Mol-Cep-055; Number of specimen: 3 (♂ 2, ♀ 1 with eggs)  
 Locality: Tokyo Bay  
 Date: 26. iv. 1906  
 Condition: Good.  
 Remarks: Syntypes of *Polypus variabilis typicus* Sasaki, 1929, p. 94. Original no. 996.3.9 (see Gleadall, 2003). The label data “*Octopus macropus* シャクシイ  
 イダコ又シャクシダコ 2c. Tokyo Bay 26 April 1906”.
- UMUTZ-Mol-Cep-176; Number of specimen: 1 (♀)  
 No data  
 Condition: Fair
- UMUTZ-Mol-Cep-223-1; Number of specimen: 2 (♂ 2)  
 No data
- UMUTZ-Mol-Cep-237; Number of specimen: 2 (♂ 1, ♀ 1)  
 Locality: Yorishima, Okayama Pref.  
 Date: Summer 1882  
 Collector: Kikuchi  
 Condition: Fair  
 Remarks: “*Octopus macropus*” lot #5 (Ikeda, 1981, p. 529). Syntypes of *Polypus variabilis typicus* Sasaki, 1929, p. 94. Original no. 994.CO-9 (see Gleadall, 2003). The label data “*Octopus Cuvieri* Orb. シャクシダコ, 明治十五年夏 備中ヨリ嶋, 菊地”.
- Octopus ocellatus* Gray, 1849 イイダコ**
- UMUTZ-Mol-Cep-275                      Number of specimen: 1 (♂)  
 Locality: Nagasaki  
 Condition: Excellent condition  
 Remarks: Syntype of *Polypus fangsiao etchuanus* Sasaki, 1929, illustrated in p. 55, Plate III, figs. 19&20.  
 Original no. 994.CO-3 (see Gleadall, 2003).
- UMUTZ-Mol-Cep-041; Number of specimen: 2 (♂ 2)  
 Locality: Okinohata Fish Market  
 Condition: Fair
- UMUTZ-Mol-Cep-042; Number of specimen: 1 (♀)  
 Date: 1950  
 Collector: Oshima Research Lab.  
 Condition: Fair
- UMUTZ-Mol-Cep-047; Number of specimen: 4 (♂ 3, ♀ 1)  
 Date: 4-5. iv. 1960  
 Condition: Softened, poorly fixed
- UMUTZ-Mol-Cep-050; Number of specimen: 1 (♂)  
 Date: 18. viii. 1959  
 Condition: Good

- UMUTZ-Mol-Cep-175; Number of specimen: 1 (♀)  
 No data  
 Condition: Fair
- UMUTZ-Mol-Cep-222-1; Number of specimen: 1 (♂)  
 Locality: 富来 (地曳網)  
 Date: 24. ix. 1927  
 Collector: Uchida  
 Condition: Fair
- UMUTZ-Mol-Cep-270; Number of specimen: 10 (♂ 4, ♀ 6)  
 Locality: Omori, Tokyo  
 Date: 7. v. 1906  
 Collector: Kintaro Shimizu  
 Condition: Good  
 Remarks: Syntypes of *Polypus fangosiao typicus* cf. Sasaki; (1929) p. 53. Original no. 994.CO-4 (see Gleadall, 2003).
- UMUTZ-Mol-Cep-271; Number of specimen: 4 (♀ 3 mature, 1 ♀ juvenile)  
 Locality: Tokyo Market  
 Date: 7. xii. 1882  
 Condition: Skin condition poor  
 Remarks: Syntypes of *Polypus fangsiao typicus* Sasaki, 1929, p. 53. Original no. 994.CO-5 (see Gleadall, 2003). The label data “*Octopus areolatus* Tokyo Market”, “*Octopus membranaceus* Quoy, =*O. ocellatus*, D'Orb. & Fer., =*O. sinensis*, D'Orb. & Fer., イヒダコ東京市場 15年 (1882) xii, 7”, “*O. Brocki* Ort.=*O. ocellatus* Ferb, Tryon”.
- UMUTZ-Mol-Cep-272; Number of specimen: 1 (♀)  
 Locality: Bungo (Oita Pref. ), Beppu  
 Date: 13. iii. 1899  
 Collector: Terasaki  
 Condition: Fair  
 Remarks: A syntype of *Polypus fangsiao typicus* Sasaki, 1929, p. 53. Original no. 994.CO-6 (see Gleadall, 2003). The label data “One original label states there were 2 specs., of different species, given as *Octopus areolatus* de Haan; *Octopus macropus* Risso. See UMUTZ-Mol-Cep-035”

**?*Octopus oshimai*** (Sasaki, 1929) タイワンダコ

- UMUTZ-Mol-Cep-001; Number of specimen: 2 (♂ 2 small)  
 Locality: Taiwan Straits, Pescadores (=Peng-hu Archipelago) [119° 30'E 23° 30'N]  
 Date: i. 1897  
 Collector: Tsunasuke Tada  
 Condition: Fair

*Octopus ovulum* (Sasaki, 1917) イイダコモドキ

UMUTZ-Mol-Cep-021; Number of specimen: 2 (♂ 1, juvenile 1)

Locality: Korea Straits

Collector: Kumada

Condition:

UMUTZ-Mol-Cep-048; Number of specimen: 1 (♀, full of small eggs)

Date: 4-5. iv. 1960

Condition: Good.

UMUTZ-Mol-Cep-101; Number of specimen: 17

Locality: Tokyo Market at Tsukiji

Date: 17. ix. 1996

Collector: I. G. Gleadall

Condition: Good

*Octopus pardalis* (Sasaki, 1929)

UMUTZ-Mol-Cep-238; Number of specimen: 1 (♂)

Locality: Kominato, Chiba Pref.

Date: iv. 1885

Collector: C. Ishikawa

Remarks: Holotype of *Polypus variabilis* var. *pardalis* Sasaki, 1929, p. 94, Plate XII, figs. 15 & 16. Original number 994.CO-19.

*Octopus* sp.

UMUTZ-Mol-Cep-009; Number of specimen: 1 (♀)

No data

Condition: Fair

*Octopus* sp.

UMUTZ-Mol-Cep-016; Number of specimen: 1 (very small, young)

No data

Condition: Fair

*Octopus* sp.

UMUTZ-Mol-Cep-022; Number of specimen: 2 (Juvenile 2)

Locality: Boshu, Honshu, Japan

Date: iv. 1885

Condition: Fair

Remarks: Lot #8 of Ikeda (1891).

*Octopus* sp.

UMUTZ-Mol-Cep-024; Number of specimen: 2

Locality: Enoura, Suruga Bay, Japan

Date: iv. 1884  
Collector: K. Mitsukuri  
Condition: Fair  
Remarks: *O. octopodia* Lot #3 of Ikeda (1891, p. 481) .

***Octopus sp.***

UMUTZ-Mol-Cep-029; Number of specimen: 2  
Locality: Hakodate  
Condition: Rather poor  
Remarks: "*O. hakodatensis*" (Sasaki, MS). Never described.

***Octopus sp.***

UMUTZ-Mol-Cep-030; Number of specimen: 1 (Juvenile 1)  
No data  
Condition: Fair

***Octopus sp.***

UMUTZ-Mol-Cep-031; Number of specimen: 1 (Juvenile 1)  
Locality: Sakurajima Isl, Kagoshima Bay  
Date: I. iv. 1896  
Collector: K. Mitsukuri & J. Hara  
Condition: Fair

***Octopus sp.***

UMUTZ-Mol-Cep-044; Number of specimen: 1 (♂<sup>7</sup>)  
No data  
Condition: Good

***Octopus sp.***

UMUTZ-Mol-Cep-053; Number of specimen: 1 (♂<sup>7</sup>)  
Date: 1960  
Condition: Good

***Octopus sp.***

UMUTZ-Mol-Cep-078; Number of specimen: 2  
Locality: Kagoshima Market  
Date: iii. 1896  
Collector: K. Mitsukuri & J. Hara  
Condition: Fair  
Remarks: ラベルに *Octopus peni-rector* n. sp. の"co-type" と書いてあるが、未記載名 (著者不明)。

***Octopus sp.***

UMUTZ-Mol-Cep-102; Number of specimen: 12

Locality: Tokyo Market at Tsukiji

Date: 17. ix. 1996

Collector: I. G. Gleadall

Condition: Fair

***Octopus sp.***

UMUTZ-Mol-Cep-290; Number of specimen: 1

Locality: East China Sea

Date: 18. viii. 1959

Condition: Poor

***Octopus sp.***

UMUTZ-Mol-Cep-218; Number of specimen: 2 (Juvenile 2)

Locality: Chebisani

Date: 14. viii. 1906

Collector: Saghalien Collection

Condition: Fair

***Octopus sp.* (probably *O. minor*)**

UMUTZ-Mol-Cep-007; Number of specimen: 1

Locality: Enoshima, Sagami Bay

Condition: Fair

Remarks: ラベルに *Octopus peni-rector* n. sp. "co-type" と書いてあるが、未記載名 (著者不明)。 *Octopus minor* と思われる (ラベルに"シャクシダコ"とあり)。

***Octopus spp.***

UMUTZ-Mol-Cep-219; Number of specimen: 4

No data

Condition: Stomach contents from a large fish?

***Octopus vulgaris* Cuvier, 1797 マダコ**

UMUTZ-Mol-Cep-014; Number of specimen: 3

Locality: Bingo-Tomonoura, Hiroshima Prefecture (Seto Inland Sea)

Date: Summer 1882

Condition: Fair

Remarks: *Octopus octopoida* of Ikeda (1891, p. 481) Lot #2 and Sasaki (1929 p. 35) [4 listings in p. 37 as Tomonotsu (Ikeda) ] as synonym of *Polypus vulgaris*.

UMUTZ-Mol-Cep-015; Number of specimen: 1 (♀?)

Locality: Fukui Pref., Honshu

- Date: vii. 1885  
 Condition: Rather poor  
 Remarks: *Octopus octopodia* of Ikeda (1891, p. 481) Lot #6. Sasaki (1929, p. 37) Loc "Echizen Prov." listed. First specimen listed (locality) by Sasaki, p. 37 [including mention of Ikeda].
- UMUTZ-Mol-Cep-017; Number of specimen: 1 (♀)  
 Locality: Chiba Pref. (Boshu), Honshu.  
 Date: 7. v. 1906  
 Collector: K. Shimizu  
 Condition: Fair, but mantle twisted, and opened.
- UMUTZ-Mol-Cep-019; Number of specimen: 1 (♂?)  
 Locality: Miyazu Port, Kyoto Pref., Japan Sea  
 Date: 6. vii. 1903  
 Collector: K. Iizuka  
 Condition: Fair, but mantle opened.  
 Remarks: Sasaki's (1929, p.37) listed this locality for *Polypus vulgaris*.
- UMUTZ-Mol-Cep-020; Number of specimen: 1 (♂?)  
 Locality: Near Misaki MBL, Honshu, Japan  
 Date: viii. 1902  
 Condition: Good.
- UMUTZ-Mol-Cep-023; Number of specimen: 2 (♂ 2)  
 Locality: Kagoshima Fish Market, Kyushu [coll. from Miyajima].  
 Date: 29. iii. 1896  
 Collector: K. Mitsukuri & J. Hara  
 Condition: Fair, but 1 set of ♂ reproductive organs separated.  
 Remarks: Sasaki's (1929, p. 40) lighter coloured specimen illustrated in Plate III, fig. 18. Larger specimen was dissected and may be referred to the reproductive organs illustrated in Plate IX, fig. 13. as *Polypus granulatus* "with great hesitation". (see also UMUTZ-Mol-Cep-026)
- UMUTZ-Mol-Cep-049; Number of specimen: 1 (♀)  
 Locality: ?  
 Date: 4-5. iv. 1960  
 Condition: Poor.
- UMUTZ-Mol-Cep-056; Number of specimen: 1 (large specimen)  
 Locality: Kagoshima, Kyushu  
 Date: viii. 1903  
 Collector: Kagoshima Prefectural Government  
 Condition: Fair  
 Remarks: Probably seen by Sasaki (1929)
- UMUTZ-Mol-Cep-099-2; Number of specimen: 4 (♂ 1, ♀ 2, 1?)  
 No data  
 Condition: Good



Family Ocythoidea アミダコ科

*Ocythoe tuberculata* Rafinesque, 1814 アミダコ

UMUTZ-Mol-Cep-010; Number of specimen: 1 (♀)

Locality: Koajiro, Misaki  
Date: 27. vii. 1911  
Collector: Shin-ichi Hibino  
Condition: Good

UMUTZ-Mol-Cep-011; Number of specimen: 1 (♀)

No data  
Condition: Fair

UMUTZ-Mol-Cep-012; Number of specimen: 1 (♀)

Locality: Off Moroiso, Misaki, Sagami Bay  
Date: 9. v. 1898  
Collector: Kumakichi Aoki  
Condition: Good

UMUTZ-Mol-Cep-032; Number of specimen: 1 (♀)

Locality: Awa (Chiba Pref.)  
Date: xi. 1886  
Condition: Good  
Remarks: Locality listed in Sasaki; (1929, p. 28)

UMUTZ-Mol-Cep-096; Number of specimen: 2 (♀ 2)

Locality: Fuka-ura, Chiba Prefecture  
Date: 7. xi. 1883  
Condition: Fair

Family Opisthoteuthidae メンダコ科

*Opistoteuthis depressa* Ijima & Ikeda, 1895 メンダコ

UMUTZ-Mol-Cep-008; Number of specimen: 1 (♀?)

Locality: Yodomi, Sagami Sea  
Date: 22. iv. 1909  
Collector: Alan Owston  
Condition: Fair

UMUTZ-Mol-Cep-241; Number of specimen: 1

Locality: Okinose Soto ca 250 fathoms.  
Date: v. 1895  
Collector: Kumakichi Aoki  
Condition: Fair  
Remarks: Holotype. Original no. 996.5.46.

Family Tremoctopodidae ムラサキダコ科

*Tremoctopus violaceus gracialis* (Eydoux & Souleyet, 1852) ムラサキダコ

UMUTZ-Mol-Cep-002; Number of specimen: 1 (♀)

Locality: Moroiso, Misaki

Date: 29. ix. 1900

Condition: Good.

UMUTZ-Mol-Cep-013; Number of specimen: 1 (♀)

Locality: Kagoshima Pref.

Date: viii. 1903

Condition: Good

UMUTZ-Mol-Cep-109; Number of specimen: 1 (♀)

Locality: Moroiso, Misaki

Date: 3. iv. 1902

Collector: Kumakichi Aoki

Condition: Poor

Remarks: Probably seen by Sasaki (1929, p.32)

UMUTZ-Mol-Cep-168; Number of specimen: 1 (♀)

Locality: Taiza Village, Takeno-gun, Kyoto Pref.

Date: 30. v. 1903

Collector: Kisao Ushikubo

Condition: Good

Remarks: Probably seen by Sasaki (1929, p. 32)

## Order Sepioida

Family Idiosepiidae ヒメイカ科

*Idiosepius paradoxa* (Ortmann, 1888) ヒメイカ

UMUTZ-Mol-Cep-163; Number of specimen: 11

Locality: Kouta Isl., Onomichi

Date: v. 1906

Collector: Yasusaburo Sakai

Condition: Good

Remarks: Probably seen by Sasaki (1929, p. 134).

Family Sepiadrariidae ミミイカダマシ科

*Sepiadarium kochii* Steenstrap, 1881 ミミイカダマシ

UMUTZ-Mol-Cep-057; Number of specimen: 1

Locality: Enoura, Suruga Bay

Date: iv. 1886

Collector: Kakichi Mitsukuri & Chiyomatsu Ishikawa  
Condition: poor (ventral mantle cut off)  
Remarks: Seen by Sasaki (1929, p.153).  
UMUTZ-Mol-Cep-260; Number of specimen: 3  
Locality: Trawled at Beppu, Oita Pref. (Bungo Strait)  
Date: 13. iii. 1899  
Condition: Fair  
Remarks: Seen by Sasaki (1929, p.153)

Family Sepiidae コウイカ科

*Sepia (Acanthosepia) pharaonis* Ehrenberg, 1831 トラフコウイカ  
UMUTZ-Mol-Cep-094; Number of specimen: 1  
Locality: Jolo, Philippines  
Date: i. 1908  
Collector: Isao Iijima  
Condition: Fair

*Sepia (Acanthosepion) lycidas* Gray, 1849 カミナリイカ  
UMUTZ-Mol-Cep-245; Number of specimen: 4  
Locality: Tokyo Market  
Date: xi. 1882  
Condition: Fair  
Remarks: Syntypes of *Sepia subaculeata* Sasaki, 1914. Original no. 997.3.1.  
The label data “*Sepia aculeata* Hasselt, Tokyo Market Nov. 1882 –5”, “*Sepia subaculeata* Sas. ‘type’ Tokyo Market No. 102.”

*Sepia* sp.の顎板？

UMUTZ-Mol-Cep-221-2  
No data  
Condition: Fair  
Remarks: Beaks of *Abraliopsis* sp. (smallest) and *Sepia* sp.

*Sepia appelloefi* Wülker, 1910 サガミコウイカ  
UMUTZ-Mol-Cep-224; Number of specimen: many  
Locality: Tokyo Market (?)  
Date: ix. 1886  
Condition: Very poor  
Remarks: Probably seen by Sasaki (1929, p.189)

*Sepia (Doratosepion) andreana* Steenstrup, 1875 エゾハリイカ  
UMUTZ-Mol-Cep-195; Number of specimen: 6 (♂ 6)

Locality: Boso Peninsula

Date: 20. iv. 1906

Collector: Kintaro Shimizu

Condition: Fair

UMUTZ-Mol-Cep-223-3; Number of specimen: 3 (♂ 2, ♀ 1)

No data

Condition: Fair

*Sepia (Doratosepion) appelloefi* Wülker, 1910 サガミコウイカ  
UMUTZ-Mol-Cep-192; Number of specimen: 2

Locality: Kagoshima

Date: iv. 1896

Collector: K. Mitsukuri

Condition: Poor

Remarks: Probably seen by Sasaki (1929, p. 187).

*Sepia (Doratosepion) aureomaculata* Okutani & Horikawa, 1987  
ハクテンコウイカ

UMUTZ-Mol-Cep-206; Number of specimen: 2 (♀ 1, juvenile 1)

Locality: Heda (Suruga Bay)

Date: xii. 1936

Condition: Fair (but sepion dissolved)

*Sepia (Doratosepion) erostrata* Sasaki, 1929 ボウズコウイカ  
UMUTZ-Mol-Cep-243; Number of specimen: 1

Locality: Manazuru, Sagami Bay

Date: 23. iii. 1915

Collector: Madoka Sasaki

Condition: Fair

Remarks: Holotype. Original no. 994.CD-5.

*Sepia (Doratosepion) kobiensis* Hoyle, 1885 ヒメコウイカ  
UMUTZ-Mol-Cep-193; Number of specimen: 1

Locality: Namerikawa, Toyama Bay

Date: 19. v. 1906

Condition: Fair

Remarks: A probable syntype of *S. kobiensis* var. *toyamensis* Sasaki, 1929, p. 209. Original no. 996.5.132. The label data “三十八年五月十九日 滑川”

UMUTZ-Mol-Cep-194; Number of specimen: 15

No data

- Condition: Fair  
 UMUTZ-Mol-Cep-196; Number of specimen: 15  
 Locality: Tokyo Market  
 Condition: Fair
- UMUTZ-Mol-Cep-197; Number of specimen: 6 (♂ 3)  
 Locality: Tokyo Market  
 Condition: Rather poor
- UMUTZ-Mol-Cep-257; Number of specimen: 3  
 Locality: Tokyo Market  
 Date: ix. 1885  
 Condition: Fair
- UMUTZ-Mol-Cep-258; Number of specimen: 2  
 Locality: Trawled at Oita  
 Date: 13. iii. 1899  
 Collector: Terasaki  
 Condition: Fair  
 Remarks: Probable syntypes of *S. kubiensis beppuana* Sasaki (1929, p. 211).  
 The label data “豊後大分テグリ、明治三十二年三月十三日 寺崎”
- UMUTZ-Mol-Cep-244; Number of specimen: 7  
 Locality: Beppu, Oita  
 Date: 12. iii. 1899  
 Collector: Terasaki  
 Condition: Good  
 Remarks: Syntypes of *Sepia kubiensis* var. *beppuana* Sasaki, 1929, p. 211. The label data “三崎”, “*Pyrgopsis pacifica* (Issel)” : These labels might be misplaced (see UMUTZ-Mol-Cep-254).
- Sepia (Doratosepion) longipes* Sasaki, 1914 テナガコウイカ**
- UMUTZ-Mol-Cep-181; Number of specimen: 2 (♂ 1, ♀ 1)  
 Locality: Tokyo Market  
 Date: ix. 1885  
 Condition: Very poor
- UMUTZ-Mol-Cep-207; Number of specimen: 3 (♂ 1, ♀ 2)  
 Locality: Mikawa Miya, Aichi Pref.  
 Date: 25. i. 1910 (or 1968)  
 Condition: Fair (but 1 ♀ sepion missing)
- UMUTZ-Mol-Cep-246; Number of specimen: 1 (♂)  
 Locality: Choshi  
 Date: iv. 1906  
 Collector: K. Shimizu  
 Condition: Good  
 Remarks: Holotype. Original no. 000.4.28.2. DML 227mm.

*Sepia (Doratosepion) lorigera* Wülker, 1910 ウスベニコウイカ

UMUTZ-Mol-Cep-104; Number of specimen: 5

Locality: Fuka-ura, Chiba Prefecture.

Date: 12. x. 1883

Condition: Rather poor

UMUTZ-Mol-Cep-105; Number of specimen: 3

Locality: Misaki, Sagami Bay

Date: 7. v. 1906

Collector: Kintaro Shimizu

Condition: Fair

UMUTZ-Mol-Cep-211; Number of specimen: 2 (♂ 1, ♀ 1)

Locality: Tokyo Market

Condition: Good

Remarks: Probably seen (syntypes?) by Sasaki (1929, p. 193)

*Sepia (Doratosepion) misakiensis* Wülker, 1910 ミサキコウイカ

UMUTZ-Mol-Cep-178; Number of specimen: 1

Locality: Misaki

Condition: Good

Remarks: Probably used for illustration in Sasaki, 1929, pl. XVIII, fig. 15. Also compare with specimens listed on p. 203.

UMUTZ-Mol-Cep-201; Number of specimen: 1

Locality: Misaki

Date: 5. viii. 1902

Collector: K. Mitsukuri (Shirasu fisheries)

Condition: Good

Remarks: Probably seen by Sasaki (1929, p.203).

*Sepia (Doratosepion) pardex* Sasaki, 1914 ヒョウモンコウイカ

UMUTZ-Mol-Cep-242; Number of specimen: 1

Locality: Boshu, Katsuyama

Date: 9. ii. 1889

Condition: Good

Remarks: Holotype of *Sepia pardex* (= *pardalis*) Sasaki, 1914. Original no. 994.CD-2 No. 101.

*Sepia (Doratosepion) peterseni* Appellöf, 1886 シシイカ

UMUTZ-Mol-Cep-283; Number of specimen: 1 (♀)

No data

Condition: Good

UMUTZ-Mol-Cep-098; Number of specimen: 14 (♂ 14)

- Locality: Tokyo Market  
Condition: Fair  
UMUTZ-Mol-Cep-204; Number of specimen: 1 (♂)  
Locality: Kagoshima Market  
Date: 29. iii. 1896  
Collector: K. Mitsukuri & J. Hara  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p. 196).  
UMUTZ-Mol-Cep-210; Number of specimen: 10 (♂ 10)  
Locality: Mikawa (Aichi Prefecture)  
Date: 23. iv. 1906  
Collector: Kintaro Shimizu  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p.196)

*Sepia (Doratosepia) tokioensis* Ortman, 1888 スジコウイカ

- UMUTZ-Mol-Cep-200; Number of specimen: 9  
Locality: Gyotoku, Tokyo Bay  
Date: 20. iv. 1896  
Collector: Kintaro Shimizu  
Condition: Good

*Sepia (Platysepia) esculenta* Hoyle, 1885 コウイカ

- UMUTZ-Mol-Cep-103; Number of specimen: 17  
Locality: Tokyo Market  
Condition: Poor  
UMUTZ-Mol-Cep-202; Number of specimen: 5 (♂ juv. 3, ♀ 2)  
Locality: 51-52 天 9-13 入港  
Condition: Fair  
UMUTZ-Mol-Cep-203; Number of specimen: 2  
Locality: Tokyo Market  
Condition: Fair  
UMUTZ-Mol-Cep-205; Number of specimen: 8 (All young)  
Locality: Misaki  
Condition: Fair  
UMUTZ-Mol-Cep-208; Number of specimen: 1 (♀)  
Locality: Miyazu Bay, Kyoto Pref.  
Date: 6. vii. 1903  
Collector: K. Iizuka  
Condition: Poor (dissected)  
Remarks: Probably seen by Sasaki (1929, p. 176).  
UMUTZ-Mol-Cep-209; Number of specimen: 2

- Locality: Yahata Bridge  
 Condition: Poor (sepion and gonads missing)  
 UMUTZ-Mol-Cep-214; Number of specimen: 2 (♂ 2)  
 Locality: Misaki  
 Date: xii. 1908  
 Condition: Fair
- UMUTZ-Mol-Cep-215; Number of specimen: 1 (♀)  
 Locality: Komenotsu, Kagoshima Pref.  
 Date: 20. iv. 1896  
 Collector: K. Mitsukuri & J. Hara  
 Condition: Sepion separated
- UMUTZ-Mol-Cep-281; Number of specimen: 1 (♀)  
 Locality: Kisarazu, Tokyo Bay  
 Date: 1929  
 Collector: Tokiharu Abe  
 Condition: Rather poor

*Sepia (Platysepia) madokai* Adam, 1939 ハリイカ

- UMUTZ-Mol-Cep-282; Number of specimen: 8  
 Locality: Ariake Sound  
 Date: 19. vii. 1958  
 Condition: Fair
- UMUTZ-Mol-Cep-198; Number of specimen: 1  
 Locality: Tokyo Market  
 Condition: Shell only
- UMUTZ-Mol-Cep-199; Number of specimen: 7 with 5 cuttlebones  
 Locality: Tokyo Market  
 Date: iv. 1985  
 Condition: Poor  
 Remarks: Syntypes of *Sepia robsoni* Sasaki, 1929, p.179 (= *S. madokai* Adam, 1939; not *S. robsoni* Massy, 1927). Original no. 996.6.143. The label data “*Sepia aculeata* Hasselt? ハリイカ Apr. (?) 1885”, “*Sepia torosa* Ortmann?”, “*Sepia elliptica* Hoyle, No. 93”, “No. 4”. Listed as *Sepia elliptica* sensu Sasaki, 1914, 612.
- UMUTZ-Mol-Cep-212; Number of specimen: 4 (♂ 2, ♀ 2)  
 Locality: Kurokami, Sakurajima, Kagoshima  
 Date: 1. iv. 1896  
 Collector: K. Mitsukuri & J. Hara  
 Condition: Fair
- UMUTZ-Mol-Cep-213; Number of specimen: 1 (♂)  
 Locality: Misaki, Sagami  
 Date: 14. ii. 1881



Condition: Fair

Remarks: *Sepia robsoni* Sasaki, 1929 (not Massy, 1927). Sasaki (1929, 181) identified all Japanese "*S. elliptica*"-like specimens as *Sepia robsoni*, which Adam (1939) renamed *Sepia madokai*.

***Sepia* sp.**

UMUTZ-Mol-Cep-183; Number of specimen: 3

No data

Condition: Fair

***Sepia* sp.**

UMUTZ-Mol-Cep-223-2; Number of specimen: 3 (♀ 3)

No data

Condition: Fair

***Sepia* sp.**

UMUTZ-Mol-Cep-261; Number of specimen: 2 (♂ 2)

Locality: Trawled at Tateyama Bay

Date: 28. v. 1908

Condition: Fair

***Sepiella japonica* Sasaki, 1929 シリヤケイカ**

UMUTZ-Mol-Cep-184; Number of specimen: 2 (♂ 1, ♀ 1)

Locality: Natagiri, Sagami

Date: 8. ii. 1891

Condition: Fair

Remarks: Syntypes. Original no. 996.6.161. The label data "*Sepiella maindroni* De Rocheburne 8/II 24. 相模なたぎり", "*Sepiella mandroni* De. Roch. Natagiri. No. 95."

UMUTZ-Mol-Cep-185; Number of specimen: 5 (♂ 2, ♀ 3)

Locality: Tokyo Market.

Date: 1. x. 1885

Condition: Very poor

Remarks: Syntypes. Original no. 996.6.162. The label data "*Sepiella maindroni* de Roch. Tokyo market No. 96", "*Sepia inermis*, Hasselt = *S. sinensis*, Gray マイカ Tokyo Market Oct. 1 1885". 2♂♂ DML 73, 58mm; 3♀♀ 69, 62, 47mm. This locality listed by Sasaki but the number of specimens does not correspond to those listed (2♀♀).

Family Sepiolidae タンゴイカ科  
Beaks (only) of "*E. morsei*"

UMUTZ-Mol-Cep-220-2

No data

Condition: Fair

*Euprymna berryi* Sasaki, 1929 ニヨリミミイカ

UMUTZ-Mol-Cep-247; Number of specimen: 1 (♀)

Locality: Sagami Bay, 6 miles off Misaki

Date: 5. viii. 1906

Condition: Good

Remarks: A syntype. Original no. 997.3.3. The label data “ダンゴ幼体”

UMUTZ-Mol-Cep-251; Number of specimen: 1

Locality: Misaki

Date: xii. 1882

Condition: Fair

Remarks: A syntype. Original number 002.10.25.5 (see Gleadall, 2003). The label data “*Euprymna scolopes* Berry, Misaki, Dec. 1882. No. 37”

UMUTZ-Mol-Cep-253; Number of specimen: 2

Locality: Trawled at Beppu, Oita Pref.

Date: 13. iii. 1899

Collector: Terasaki

Condition: Fair

Remarks: Probable syntypes. The label data “豊後大分府テグリ 明治三十二年三月十三日 寺崎”, “*Euprymna scolopes* Berry, No. 48”

UMUTZ-Mol-Cep-263; Number of specimen: 1

No data

Condition: Fair

UMUTZ-Mol-Cep-277; Number of specimen: 7 (♂ 3, ♀ 4)

Locality: Hososhima Bay, Miyazaki Pref.

Date: 15.iii.1899

Collector: Terasaki

Condition: Rather poor

Remarks: Syntypes. Original no. 996.3.10 (see Gleadall, 2003). The label data “明治 32 年 3 月 15 日 日向細島湾テグリ 採集寺崎”, “*Euprymna morsei* Hososhima Bay, No. 47”

UMUTZ-Mol-Cep-278; Number of specimen: 1

Locality: Miyazu Bay, Kyoto Pref.

Date: 6. vii. 1903

Collector: Iizuka

Condition: good

Remarks: Syntype. Original no. 996.3.11. The label data “丹後国宮津湾.明治

36年7月6日 採集飯塚”, “*Euprymna morsei* NO. 42”, “*Euprymna morsei*  
Loc. Miyazu Bay. No.-42. 35 mmML.

UMUTZ-Mol-Cep-279; Number of specimen: 5 (♀ 5)

Locality: Horii, Chiba Pref.

Date: 2. v. 1906

Condition: Good

Remarks: Syntypes. Original no. 996.3.12 (see Gleadall, 2003). The label data  
“*Euprymna morsei* (Ver.) No. 38”, “Horii, shimoosa”, “*Euprymna berryi* Sasaki,  
1929”, “Syntypes. 5 females. Loc. Simo-osa, Horii”.

UMUTZ-Mol-Cep-280; Number of specimen: 6 (♀ 6)

Locality: Kanagawa Pref.

Date: 12.vi.1906; Collector: Purchased from Kintaro Shimizu

Condition: Good

Remarks: Syntypes. Original no. 996.3.13 (see Gleadall, 2003). The label data  
“神奈川県産.清水金太郎より購う.明治39年6月12日”, “*Iniotheuthis morsei*  
Verrill 6 female”, “*Euprymna morsei*. Kanagawa No.39”

UMUTZ-Mol-Cep-276; Number of specimen: 2

Locality: Nagasaki

Condition: Fair

*Euprymna morsei* (Verrill, 1881) ミミイカ

UMUTZ-Mol-Cep-226; Number of specimen: 1

No data

Condition: 透明化している。

UMUTZ-Mol-Cep-252; Number of specimen: 2

Locality: Sumoto, Awaji

Condition: Fair

UMUTZ-Mol-Cep-284; Number of specimen: 1 (♀)

Locality: Kisarazu

Date: 1929

Collector: Tokiharu Abe

Condition: Fair

UMUTZ-Mol-Cep-285; Number of specimen: 1

Locality: Ariake Sound

Date: 19. viii. 1958

Condition: good

*Euprymna* sp.

UMUTZ-Mol-Cep-255; Number of specimen: ?

No data

Condition: Bad

*Rossia pacifica* Berry, 1911 ボウズイカ

UMUTZ-Mol-Cep-052; Number of specimen: 4

Locality: Hakodate

Date: 21. i. 1908

Collector: Kintaro Shimizu

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p.157).

UMUTZ-Mol-Cep-182-1; Number of specimen: 3

Locality: Heda

Date: xii. 1936

Condition: Fair

*Sepiolo birostrata* Sasaki, 1918 ダンゴイカ

UMUTZ-Mol-Cep-264; Number of specimen: 2

No data

Condition: Fair

*Sepiolina nipponensis* (Berry, 1911) ギンオビイカ

UMUTZ-Mol-Cep-182-2; Number of specimen: 4

Locality: Heda

Date: xii. 1936

Condition: Fair

Order Teuthoida

Family Chiroteuthidae ユウレイイカ科

*Chiroteuthis (Chirothaulma) imperator* Chun, 1910 ユウレイイカ

UMUTZ-Mol-Cep-076; Number of specimen: 1

Date: 1960

Condition: Fair

UMUTZ-Mol-Cep-077; Number of specimen: 1

Date: 1960

Condition: Fair

UMUTZ-Mol-Cep-141; Number of specimen: 3

Locality: Odawara, Sagami Bay

Date: 1. v. 1891

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p.308).

UMUTZ-Mol-Cep-142; Number of specimen: 2

Locality: Misaki, Sagami Bay

Date: ix. 1887

- Condition: Fair  
 UMUTZ-Mol-Cep-143; Number of specimen: 2  
 Locality: Misaki, Sagami Bay  
 Date: 27. viii. 1891  
 Condition: Poor
- UMUTZ-Mol-Cep-144; Number of specimen: 1  
 No data  
 Condition: Poor
- UMUTZ-Mol-Cep-145; Number of specimen: 1  
 No data  
 Condition: Rather poor (Tentacles missing)
- UMUTZ-Mol-Cep-146; Number of specimen: 1  
 Locality: Suruga Bay  
 Date: 28. viii. 19??  
 Condition: Good
- UMUTZ-Mol-Cep-147; Number of specimen: 1  
 Locality: ウグイ・大敷  
 Date: 3. ii. 1983  
 Condition: Good
- UMUTZ-Mol-Cep-166; Number of specimen: 1  
 Locality: Yodomi, Misaki, Sgami Bay, 350 fms.  
 Date: 1. v. 1899  
 Collector: Kumakichi Aoki  
 Condition: Poor  
 Remarks: Probably seen by Sasaki (1929, p.308).
- UMUTZ-Mol-Cep-167; Number of specimen: 1 ♀ (♀ 1)  
 Locality: Misaki, Sagami Bay  
 Date: 24. ix. 1908  
 Collector: Kumakichi Aoki  
 Condition: Good  
 Remarks: Probably seen by Sasaki (1929, p.308).

Family Cranchiidae サメハダホウズキイカ科  
*Cranchia scabra* Leach, 1817 サメハダホウズキイカ

- UMUTZ-Mol-Cep-217; Number of specimen: 1  
 Locality: Odomari, Sata Village, Kimotsuki-gun, Osumi, Kagoshima Pref.,  
 Kyushu  
 Date: 1910  
 Collector: K. Tago  
 Condition: Fair  
 Remarks: Probably seen by Sasaki (1929, p. 332).

UMUTZ-Mol-Cep-250; Number of specimen: 1

Locality: Odomari, Sata Village, Kimotsuki-gun, Osumi, Kagoshima Pref.,  
Kjusyu

Date: i. 1910

Collector: K. Tago

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p. 332).

*Leachia pacifica* (Issel, 1908) トウガタイカ

UMUTZ-Mol-Cep-254; Number of specimen: 1

Locality: Misaki

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p. 340).

*Liochranhia reinhardti* (Steenstnup, 1856) ホウズキイカ

UMUTZ-Mol-Cep-060; Number of specimen: 2

Locality: Aburatsubo (surface)

Date: 26. xii. 1904

Condition: Bad

*Teuthowenia elongata* Sasaki, 1929 サヤボンイカ

UMUTZ-Mol-Cep-234; Number of specimen: 1

Locality: Misaki

Condition: Good

Remarks: Holotype. Original no. 996.5.50. Empty bottle by A. Salcedo: May 10,  
1996.

*Teuthowenia tagoi* Sasaki, 1929

UMUTZ-Mol-Cep-235; Number of specimen: 1

Locality: Enoura

Date: 3. iii. 1902

Collector: Nomura (Tago Collection)

Condition: Very bad conditions

Remarks: Holotype. Original no. 996.5.51. The label data “駿河江ノ浦 明治  
三五年三月三日”, “シラス網 野村氏”

Family Enoploteuthidae ホタルイカモドキ科

*Watasenia scintillans* (Berry, 1911) ホタルイカ

UMUTZ-Mol-Cep-114; Number of specimen: 7

No data

Condition: Very good

- UMUTZ-Mol-Cep-115; Number of specimen: 2  
No data  
Condition: Good
- UMUTZ-Mol-Cep-116; Number of specimen: 11 (♂ 10, ♀ 1, pre-copulated)  
Locality: Odawara Field, Sagami Bay  
Condition: Good
- UMUTZ-Mol-Cep-117; Number of specimen: 5  
Locality: Hazamamura, Tateyama, Chiba Prefecture  
Date: mid-ii. 1907  
Collector: Oka  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p. 252).
- UMUTZ-Mol-Cep-118; Number of specimen: 1  
No data  
Condition: Very good
- UMUTZ-Mol-Cep-123; Number of specimen: 3  
No data  
Condition: Fair
- UMUTZ-Mol-Cep-138; Number of specimen: 1  
No data  
Condition: Very poor.  
Remarks: Glued on a glass plate.
- UMUTZ-Mol-Cep-139; Number of specimen: 27  
Locality: Namerikawa, Toyama Bay  
Date: 22. v. 1905  
Collector: Shozaburo Watase  
Condition: Good
- UMUTZ-Mol-Cep-140; Number of specimen: 28  
Locality: Namerikawa, Toyama Bay  
Date: 22. v. 1905  
Collector: Shozaburo Watase  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p. 252). Same source as UMUTZ-Mol-Cep-139.
- UMUTZ-Mol-Cep-148; Number of specimen: 19  
No data  
Condition: Good
- UMUTZ-Mol-Cep-149; Number of specimen: 24  
Locality: Namerikawa, Toyama Bay  
Date: 25. v. 1905  
Collector: Shozaburo Watase  
Condition: Good

- UMUTZ-Mol-Cep-150; Number of specimen: 22 (♀ 22, post-copulated)  
Locality: Odawara, Sagami Bay  
Date: mid-iii.  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p. 252).
- UMUTZ-Mol-Cep-151; Number of specimen: 16  
Locality: Nishimisaki, Boso Peninsula, Chiba Prefecture.  
Date: 16. ii. 1891  
Condition: Fair
- UMUTZ-Mol-Cep-152; Number of specimen: 30  
Locality: Namerikawa, Toyama Bay  
Date: v. 1905  
Condition: Good
- UMUTZ-Mol-Cep-153; Number of specimen: 104 (♂ 87, ♀ 17)  
Locality: Odawara, Sagami Bay  
Date: early-iii. 1907  
Condition: Good
- UMUTZ-Mol-Cep-154; Number of specimen: 14  
Locality: Namerikawa, Toyama Bay  
Date: v. 1902  
Condition: Poor
- UMUTZ-Mol-Cep-155; Number of specimen: 78  
Locality: Shirahama, Boso Peninsula  
Date: 9. ii. 1908  
Collector: Kintaro Shimizu  
Condition: Good
- UMUTZ-Mol-Cep-156; Number of specimen: 7  
Locality: Chi-lung, Taiwan  
Condition: Fair but all photophores on tip of arm IV were cut out.  
Remarks: 産地まちがいと思う (台湾に分布しない)。第4腕の発光器全部切落とされている。
- UMUTZ-Mol-Cep-157; Number of specimen: 17  
Locality: Namerikawa, Toyama Bay  
Date: v. 1905  
Condition: Fair (some dissected)
- UMUTZ-Mol-Cep-158; Number of specimen: 20  
No data  
Condition: Good
- UMUTZ-Mol-Cep-256; Number of specimen: 1 (♂ 1)  
Locality: Uozu, Toyama Bay  
Date: 24. v. 1905  
Collector: Shozaburo Watase



Condition: Fair

Family Histioteuthidae ゴマフイカ科

*Histioteuthis dofleini* (Pfeffer, 1912) クラゲイカ

UMUTZ-Mol-Cep-064; Number of specimen: 1

Locality: Sagami Bay

Condition: Poor

Remarks: Probably seen by Sasaki (1929, p. 261).

UMUTZ-Mol-Cep-067; Number of specimen: 1

Locality: Stomach content of sperm whale captured off the coast of Ibaraki Pref.  
(36° 14'N, 142° 18' S)

Date: 15. vi. 1904

Collector: Shintaro Takahashi

Condition: Rather poor

Remarks: Probably seen by Sasaki (1929, p.261).

UMUTZ-Mol-Cep-095; Number of specimen: 1

No data

Condition: Poor

*Histioteuthis meleagroteuthis* (Chun, 1910)

UMUTZ-Mol-Cep-248; Number of specimen: 1

Locality: Depth of ca. 400F. at Uchibata, Misaki

Date: 4. iii. 1898

Collector: Kumakichi Aoki

Condition: Good

Remarks: Holotype of *Meleagroteuthis separata* Sasaki, 1915 (1929, p. 262).

Original no. 994.CD-1..

Family Loliginidae ヤリイカ科

Beaks of *Sepioteuthis* アオリイカ

UMUTZ-Mol-Cep-220-1

No data

Condition: Fair

Egg capsule of *Sepioteuthis lessoniana* アオリイカ卵囊

UMUTZ-Mol-Cep-225

No data

Condition: Fair

***Loligo (Heterololigo) bleekeri*** Keferstein, 1866 ヤリイカ

UMUTZ-Mol-Cep-086; Number of specimen: 1 (♀)

Locality: Tokyo Market

Condition: Good

UMUTZ-Mol-Cep-131; Number of specimen: 3

No data

Condition: Dissected

UMUTZ-Mol-Cep-186; Number of specimen: 1 (♂)

Locality: Misaki

Date: xii. 1908

Condition: Good

UMUTZ-Mol-Cep-265; Number of specimen: 4

Locality: Satsuma (Kagoshima Pref.)

Date: 30. iv. 1906

Collector: K. Mitsukuri & J. Hara

Condition: Fair

Remarks: The label data “明治三十九年四月三十日 薩摩 採集者 箕作・原”, “図に取りしもの記載にせしもの雌 佐々木 Type specimen”, “*Loligo bleekeri* Kef. Satsuma, No. 62”. *Doryteuthis bleekeri* ヤリイカ. “図示標本”とされているが、Sasaki (1929, pl.XIII)は雄である。

***Doryteuthis pealei*** Lesueur, 1812 アメリカケンサキイカ

UMUTZ-Mol-Cep-129; Number of specimen: 1

Locality: Massachusetts, U.S.A.

Condition: Fair

UMUTZ-Mol-Cep-130; Number of specimen: 1

Locality: Woods Hole, Massachusetts, USA

Condition: Fair

***Uroteuthis (Photololigo) edulis*** Hoyle, 1885 ケンサキイカ

UMUTZ-Mol-Cep-097; Number of specimen: 8

Locality: Misaki, Sagami bay

Collector: Kumakichi Aoki

Condition: Good

UMUTZ-Mol-Cep-120; Number of specimen: 31

Locality: Misaki

Date: 24. v. 1906

Collector: Kumakichi Aoki

Condition: Very good

Remarks: Syntypes of *Loligo kensaki* Wakiya and Ishikawa, 1921. Original no. 996.5.114 (see Gleadall, 2003). The label (a pice of cloth) data “*Loligo edulis* Hoyle Misaki No.58”, “三十九、五、廿四 グミイカ 三崎 熊”

- UMUTZ-Mol-Cep-121; Number of specimen: 18  
No data  
Condition: Very good
- UMUTZ-Mol-Cep-122; Number of specimen: 1  
Locality: Akune, Kagoshima Prefecture  
Date: 20. iv. 1896  
Collector: Kakichi Mitsukuri  
Condition: Poor  
Remarks: A syntype of *Loligo kensaki* Wakiya and Ishikawa, 1921. Original no. 996.5.116. (see Gleadall, 2003). The label data "20/4/29 Satsuma Akune by Mitsukuri" Probably seen by Sasaki (1929, p.109).
- UMUTZ-Mol-Cep-124; Number of specimen: 1  
Locality: Izu-Oshima Island  
Condition: Poor  
Remarks: A syntype of *Loligo kensaki* Wakiya and Ishikawa, 1921. Original no. 996.5.117 (see Gleadall, 2003).. The label data "イカ 大島" Probably seen by Sasaki (1929, p. 109).
- UMUTZ-Mol-Cep-126; Number of specimen: 1 (♀)  
Locality: Miura [Peninsula] off Misaki  
Date: mid-xii. 1908  
Collector: Madoka Sasaki  
Condition: Good  
Remarks: A syntype of *Loligo kensaki* Wakiya and Ishikawa, 1921. Possible syntype of *L. edulis foma communis* Sasaki, 1929, p. 109. The label data "三崎", "明治四十一年十二月中旬三浦三崎沖の瀬", "夕方七時頃小舟に乗り漕出す実験所を去ること凡一哩一漁船あり此烏賊一疋をつれり十銭を與へて以て求む 佐々木望" [Sa?]302 No.50 DML 152mm.
- UMUTZ-Mol-Cep-127; Number of specimen: 3  
Locality: Hayakawa, Sagami Bay  
Date: 22. xi. 1908  
Collector: Hiroshi Oshima  
Condition: Poor (once half dried)
- UMUTZ-Mol-Cep-137; Number of specimen: 1  
Date: 1960  
Condition: Fair
- UMUTZ-Mol-Cep-180; Number of specimen: 1 (♀ juv.)  
No data  
Condition: Poor
- UMUTZ-Mol-Cep-188; Number of specimen: 1 (♂)  
Locality: Kagoshima  
Date: viii. 1903  
Condition: Good

UMUTZ-Mol-Cep-189-1; Number of specimen: 4 (♂ 3, ♀ 1)

No data

Condition: Good

UMUTZ-Mol-Cep-262; Number of specimen: 2

Locality: Odawara

Date: 4. vi. 1891

Collector: Ishida

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p.109).

*Uroteuthis (Photololigo) sibogae* Adam, 1954

UMUTZ-Mol-Cep-135; Number of specimen: 2

Locality: Chi-Lung, Taiwan

Condition: Fair

*Loligo* sp.

UMUTZ-Mol-Cep-133; Number of specimen: 1

No data

Condition: Good

*Loliolus (Nipponololigo) beka* (Sasaki, 1929) ベイカ

UMUTZ-Mol-Cep-125; Number of specimen: 5

Locality: Okayama Market

Date: 25. iv. 1901

Collector: Madoka Sasaki

Condition: Rather poor

Remarks: Syntypes of *Loligo beka* Sasaki, 1929. Original no. 996.5.106 (see Gleadall, 2003). The label data “明治廿四年四月二十五日採集”, “産地岡山市場”, “ベカ” No. 71

UMUTZ-Mol-Cep-128; Number of specimen: 16

Locality: Ariake Sea

Date: x. 1911

Collector: K. Tago

Condition: Good

Remarks: Syntypes of *Loligo beka* Sasaki, 1929. Original no. 996.5.105 (see Gleadall, 2003). The label data “有明海羽瀬漁業明治四十四年十月田子”. No. 75 DML 22-33mm.

UMUTZ-Mol-Cep-236; Number of specimen: 2 (♀ 2)

Locality: Kojima Bay, Seto Inland Sea

Date: x. 1903

Condition: Good

Remarks: A syntype of *Loligo beka* Sasaki, 1929 (p. 121). Original no.



UMUTZ-Mol-Cep-259; Number of specimen: 1

Locality: Shimane Prefecture

Date: 10. xi. 1905

Condition: Fair

Remarks: Probably seen by Sasaki (1929, p. 114).

UMUTZ-Mol-Cep-286; Number of specimen: 1

Locality: East China Sea

Date: 1-5. iv. 1960

Condition: poor

UMUTZ-Mol-Cep-288; Number of specimen: 2

Locality: Kisarazu

Date: 1929

Collector: Tokiharu Abe

Condition: Rather poor

*Loliolus (Nipponololigo) uyii* (Wakiya & Ishikawa, 1921) ウイジンドウイカ

UMUTZ-Mol-Cep-177; Number of specimen: 1 (♀ 1)

No data

Condition: Fair

*Sepioteuthis lessoniana* Lesson, 1830 アオリイカ

UMUTZ-Mol-Cep-107; Number of specimen: 4

Locality: Kagoshima

Date: viii. 1903

Collector: Kagoshima Prefectural Government

Condition: Good

UMUTZ-Mol-Cep-108; Number of specimen: 1

Locality: Tokyo Market.

Condition: Fair

UMUTZ-Mol-Cep-112; Number of specimen: 3 (♂ 1, ♀ 2)

Locality: Misaki, Sagami Bay

Date: viii. 1906

Condition: Good

Remarks: Seen and listed by Sasaki (1929, p. 130).

UMUTZ-Mol-Cep-113; Number of specimen: 1 (♂)

Locality: Namerikawa, Toyama Pref., Japan Sea

Condition: Fair

Remarks: This specimen may be a male listed by Sasaki, 1929, p.129: 1♂ 355 mm, July, 1913, preserved in Fish Inst. Namerikawa.

UMUTZ-Mol-Cep-159; Number of specimen: 2

Locality: Misaki, Sagami Bay

Date: viii. 1906

- Condition: Good  
UMUTZ-Mol-Cep-160; Number of specimen: 1  
No data  
Condition: Fair
- UMUTZ-Mol-Cep-161; Number of specimen: 1  
Locality: Tokyo Market  
Condition: Rather poor
- UMUTZ-Mol-Cep-162; Number of specimen: 1  
Locality: Habu, Izu-Oshima  
Date: iv. 1888  
Condition: Fair
- UMUTZ-Mol-Cep-164; Number of specimen: 1 juv.  
No data  
Condition: Good
- UMUTZ-Mol-Cep-165; Number of specimen: 4 juv  
No data  
Condition: Good
- UMUTZ-Mol-Cep-171; Number of specimen: 1 (♂)  
Locality: Miyazu Bay, Kyoto Pref.  
Date: 8. vii. 1903  
Collector: Kei Iizuka  
Condition: Rather poor  
Remarks: Probably a male (200 mm) of “July 8, 1908” in Sasaki’s list (1929, p.130).
- UMUTZ-Mol-Cep-172; Number of specimen: 8 (♂5, ♀3)  
Locality: Kagoshima Market.  
Date: 17. iv. 1896  
Collector: K. Mitsukuri & J. Hara  
Condition: Fair  
Remarks: Probably seen by Sasaki (1929, p. 131).
- UMUTZ-Mol-Cep-173; Number of specimen: 5(♂5)  
Locality: Tokyo Market  
Date: ix. 1885  
Condition: Fair  
Remarks: Probably 5 of 7 specimens seen by Sasaki (1929, p. 130), but date was “Aug. 1885”.
- UMUTZ-Mol-Cep-174; Number of specimen: 2 (♀ 2)  
Locality: Enoura, Suruga Bay  
Condition: Good  
Remarks: Probably seen by Sasaki (1929, p. 131).
- UMUTZ-Mol-Cep-190; Number of specimen: 1  
No data

Condition: Poor  
UMUTZ-Mol-Cep-191; Number of specimen: 1 (♂ young 1)  
No data  
Condition: Good

Family Mastigoteuthidae ムチイカ科  
*Idioteuthis latipinna* Sasaki, 1916

UMUTZ-Mol-Cep-233; Number of specimen: 1  
Locality: Outside the Okinose Bank, from a depth of about 400F  
Date: 20. iv. 1906  
Collector: Kumakichi Aoki  
Condition: Good  
Remarks: Holotype. Original no. 994.CD-3. The label data “No. 23”.

Family: Octopoteuthidae ヤツデイカ科  
*Octopoteuthis* sp.

UMUTZ-Mol-Cep-179; Number of specimen: 2 (♂ juv. 1, ♀ 1)  
Locality: Tateyama  
Date: iv. 1906  
Condition: Good

Family Ommastrephidae アカイカ科  
*Eucleoteuthis luminosa* (Sasaki, 1915) スジイカ

UMUTZ-Mol-Cep-068; Number of specimen: 1  
No data  
Condition: Poor  
UMUTZ-Mol-Cep-069; Number of specimen: 1  
Locality: Misaki  
Collectr: Shozaburo Watase  
Condition: Good  
Remarks: A probable syntype of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.24. The label data “三崎 渡瀬教授”

UMUTZ-Mol-Cep-070; Number of specimen: 3  
Locality: Misaki, Sagami Bay  
Date: 23. ix. 1906  
Collector: B. Dean & Kumakichi Aoki  
Condition: Poor (dissected)  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.26. The label data “三十九年八月”, “熱海沖 表層 卅八



- 年九月廿三日 熊 ディーン氏寄贈”
- UMUTZ-Mol-Cep-071; Number of specimen: 4  
Date: 5. viii. 1906  
Condition: Fragments, poor
- UMUTZ-Mol-Cep-072; Number of specimen: 1  
No data  
Condition: Only head & fins, poor
- UMUTZ-Mol-Cep-079; Number of specimen: 4  
Locality: Misaki, Sagami Bay  
Date: viii. 1906  
Condition: Good  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.20. The label data “三十九・八月 三崎”
- UMUTZ-Mol-Cep-080; Number of specimen: 3  
No data  
Condition: Rather poor
- UMUTZ-Mol-Cep-081; Number of specimen: 2  
Locality: Off Odawara, Sagami Bay  
Date: 17. ix. 1917  
Condition: Fair
- UMUTZ-Mol-Cep-086; Number of specimen: 6  
Locality: Odawara  
Date: September  
Condition: Poor. Several segmented specimens
- UMUTZ-Mol-Cep-087; Number of specimen: 1  
Locality: Tokyo Market  
Condition: Good
- UMUTZ-Mol-Cep-088; Number of specimen: 3  
Date: 1906  
Condition: Fair
- UMUTZ-Mol-Cep-089; Number of specimen: 3  
Locality: Misaki, Sagami Bay  
Date: viii. 1906  
Condition: Good  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.19.
- UMUTZ-Mol-Cep-093; Number of specimen: 11  
Locality: Misaki, Sagami Bay  
Date: viii. 1906  
Condition: Fair  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.60. The label data “三十九・八月 三崎”. 9 spec. by Aizawa

22. ii. 1986 (9 spec.とあるが、11 個体ある).  
UMUTZ-Mol-Cep-106; Number of specimen: 9  
Locality: Misaki  
Date: viii. 1906  
Condition: Good  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 996.5.25. The label data “三十九年八月 三崎”  
UMUTZ-Mol-Cep-240; Number of specimen: 9  
Locality: Sagami Bay, 6 miles off Misaki  
Date: 5. viii. 1906  
Condition: Good  
Remarks: Probable syntypes of *Symplectoteuthis luminosa* Sasaki, 1915.  
Original no. 997.3.2.

*Illex illecebrosus* (Lesueur, 1812) カナダイレックス

- UMUTZ-Mol-Cep-073; Number of specimen: 2  
Locality: Massachusetts, USA  
Condition: Fair  
UMUTZ-Mol-Cep-074; Number of specimen: 3  
Locality: Cape Cod, Mass. USA.  
Collector: B. H. van Vleck  
Condition: Rather poor  
UMUTZ-Mol-Cep-111; Number of specimen: 6  
No data  
Condition: Fair  
Remarks: “No data” by M. Aizawa: Feb. 22, 1986.

*Ommastrephes bartramii* (Lesueur, 1821) アカイカ

- UMUTZ-Mol-Cep-110; Number of specimen: 2  
Locality: Odawara, Sagami Bay  
Date: xi. 1885  
Condition: Poor  
Remarks: Probably seen by Sasaki (1929, p. 292).

*Ornithoteuthis volatilis* (Sasaki, 1915) ヤセトビイカ

- UMUTZ-Mol-Cep-061; Number of specimen: 1  
Locality: Off Atami  
Date: probably 23. ix. 1905  
Collector: B. Dean & Kumakichi Aoki  
Condition: Good  
Remarks: Syntype of *Ommastrephes volatilis* Sasaki, 1915. Original no. 996.5.32 (see Gleadall, 2003). The label data “*Ommastrephes volatilis* Sasaki,

1915, S38年9月23日 熱海沖, 海上に跳上がり帆に当って船中に落つ, B. Dean & 熊吉”.

UMUTZ-Mol-Cep-065; Number of specimen: 2

Locality: Off Atami

Date: 23. ix. 1905

Collector: B. Dean & Kumakichi Aoki

Condition: Fair

Remarks: Syntypes of *Ommastrephes volatilis* Sasaki, 1915. Original no. 996.5.33 (see Gleadall, 2003). The label data “熱海沖 海上ニ跳ヒ出テ帆テ当リ船中ニ落ツ 熊吉, ディーン氏寄贈 廿八年九月二十三日”

UMUTZ-Mol-Cep-239; Number of specimen: 2 (♂ 1, ♀ 1)

Locality: Tokyo, Sagami Bay, off Atami.

Date: 24. vi. 1906

Collector: Kumakichi Aoki

Condition: Good

Remarks: Syntypes of *Ommastrephes volatilis* Sasaki, 1915. Original no. 994.CD-4 (see Gleadall, 2003).

*Sthenoteuthis oualaniensis* (Lesson, 1830) トビイカ

UMUTZ-Mol-Cep-059; Number of specimen: 1 (♂ 1)

No data

Condition: Fair

UMUTZ-Mol-Cep-062; Number of specimen: 5

Locality: Tokyo Market

Condition: Rather poor

*Todarodes pacificus* Steenstrup, 1880 スルメイカ

UMUTZ-Mol-Cep-066; Number of specimen: 3

No data

Condition: Poor

UMUTZ-Mol-Cep-082; Number of specimen: 1

Locality: Misaki 130 fathoms.

Date: 9. viii. 1897

Collector: Kumakichi Aoki

Condition: Poor

Remarks: Probably seen by Sasaki (1929, p,281).

UMUTZ-Mol-Cep-083; Number of specimen: 1?

Locality: Tokyo Market

Date: xi. 1882

Condition: (Chopped) poor

UMUTZ-Mol-Cep-084; Number of specimen: 1

No data

- Condition: (Only head) poor  
UMUTZ-Mol-Cep-085; Number of specimen: 1  
Locality: Miya, Aichi Pref.  
Date: 25. i. 1910  
Condition: Poor
- UMUTZ-Mol-Cep-090; Number of specimen: 2  
Locality: Tokyo Market  
Date: xi. 1885  
Condition: Poor  
Remarks: Probably seen by Sasaki (1929, p.281).
- UMUTZ-Mol-Cep-091; Number of specimen: 1  
Locality: Kochi Pref. (Tosa Province)  
Date: 1905  
Collector: Tago  
Condition: Fair  
Remarks: Probably seen by Sasaki (1929, p. 281).
- UMUTZ-Mol-Cep-092; Number of specimen: 2  
Locality: Misaki Marine Experimental Station  
Date: 28. xii. 1904  
Collector: K. Iizuka & T. Tsuchida  
Condition: Fair  
Remarks: Probably seen by Sasaki (1929, p.281).

Family: Onychoteuthidae ツメイカ科

*Moroteuthis loennbergii* Ishikawa et Wakiya, 1914 カギイカ

- UMUTZ-Mol-Cep-063; Number of specimen: 1  
Date: 1960  
Condition: Good
- UMUTZ-Mol-Cep-169; Number of specimen: 1  
Locality: Misaki, Sagami Bay.  
Date: vi. 1895  
Condition: Good  
Remarks: It is inconclusive if this is a syntype of *Moroteuthis loennbergii* Ishikawa & Wakiya, 1914.
- UMUTZ-Mol-Cep-170; Number of specimen: 1  
Locality: Misaki, Sagami Bay  
Date: 11. viii. 1896  
Condition: Fair (dissected)  
Remarks: See the "Remarks" of the above specimen.

Family: Thysanoteuthidae ソデイカ科

*Thysanoteuthis rhombus* Troschel, 1857 ソデイカ

UMUTZ-Mol-Cep-075; Number of specimen: 1

Locality: Off Atami, Sagami Bay

Date: 23. ix. 1905

Collector: B. Dean & Kumakichi Aoki

Condition: Fair

