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Author(s)	UCHIDA, Tohru
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Obituary

SHIRO OKUDA

December 29, 1905—December 26, 1950

By

Tohru Uchida

Dr. Shiro Okuda , Professor of the Hokkaido University, died unexpectedly of a stomach disease on December 26, 1950. He was born as the fourth son of Chiharu Okuda, mayor of Asahigawa city, on December 29, 1905. He was educated at the primary and middle schools of Asahigawa, and then through the Shizuoka Higher School from which he proceeded to the Faculty of Science, Hokkaido Imperial University. After he had graduated from the University course of zoology he stayed in the department of zoology as a postgraduate and then became an assistant of the Akkeshi Marine Biological Station attached to the Faculty of Science. In 1942 he was promoted to be an assistant professor of the Station and in August of the next year he received his doctorate by the following thesis ; Studies on the develompent of Annelida polychaeta. In April, 1950 Dr. Okuda was appointed to an assistant professorship in the department of zoology in Sapporo where he lectured on invertebrate zoology. On December 25 he became a professor of the Hokkaido University and two days afterward he quietly passed away.

Dr. S. Okuda was a zealous investigator and one of the most promising zoologists to have studied under me. He extended his knowledge on the marine invertebrates not only by studying at all the marine biological stations of the country but also by making trips for collection to many localities and further to Corea, Formosa, the Loo choo Islands and Micronesia. Dr. Okuda's works, though mainly on Polychaeta, cover several marine animals of other groups such as *Priapulus*, Enteropneusta, pycnogonids, hydroids, archiannelids, Solenogastres, Gephyrea and *Cryptochiton*. Besides his many works on taxonomy of the marine animals, several papers on the postembryonal development of more than a dozen species of polychaetes, a pycnogonid, a hydroid and *Cryptochiton* have been highly valued by zoologists. His worldwide connections provided him with material from various parts of the globe. At his death he left several unpublished manuscripts which prove that it was his intention to carry out further studies of the marine invertebrates. His death must be considered a great loss to our country in which investigators on marine animals are at present very few.

List of Dr. Okuda's Scientific Publications

(1933)

Some polychaete annelids used as bait in the Inland Sea. Ann. Zool. Japon., vol. 14.
Occurence of *Arenicola claparedii* from the Northern Kurile Islands. Bull. Biogeogr. Soc. Japan, vol. 4.

(1934)

The polychaete genus *Acrocirrus*, from Japanese waters. Jour. Fac. Sci., H.I.U., vol. 2.
On a new sedentary polychaete *Thoracophelia yasudai*, n. sp. Jour. Fac. Sci., H.I.U., vol. 3.
Some tubicolous annelids from Hokkaido. Jour. Fac. Sci., H.I.U., vol. 3.
On a tubicolous polychaete living in commensal with a pycnogonid. Ann. Zool. Japon., vol. 14.
Two species of the sendentary polychaete *Pectinaria*. Ann. Zool. Japon., vol. 14.
A new species of errantiate polychaete, *Marphysa tamurai* n. sp. Proc. Imp. Acad., vol. 10.
Occurrence of *Priapulus caudatus* in Northern Japan. Proc. Imp. Acad., vol. 10.

(1935)

Poecilochaetus tropicus n. sp., a remarkable sedentary polychaete from the South Sea. Proc. Imp. Acad., vol. 11.
Polychaetous annelids from the Northern Kurile Islands. Bull. Biogeog. Soc. Japan, vol. 6.
Chaetopterids from Japanese Waters. Jour. Fac. Sci., H.I.U., vol. 4.
Some lacustrine polychaetes with a list of brackish-water polychaetes found in Japan. Ann. Zool. Japon., vol. 15.
Two brackish-water polychaetes from Sakhalin. Ann. Zool. Japon., vol. 15.

(1936)

Description of two polychaetous annelids found in the burrows of an apodous holothurian. Ann. Zool. Japon., vol. 15.
Japanese commennsal polynoids. Ann. Zool. Japon., vol. 15.
Polychaetous annelids from Toyama Bay and its adjacent waters. I. Polychaeta sendentaria. Bull. Biogeogr. Soc. Japan, vol. 6.
Description of a new sendentary polychaete, *Thoracophelia ezoensis* n. sp. Proc. Imp. Acad., vol. 12.

Polychaetes used as bait in Japan. Botany and Zoology, vol. 4. (In Japanese).

(*1937*)

Spioniform polychaetes from Japan. Jour. Fac. Sci., H.I.U., vol. 5.
Some ariciid worms from Japan. Ann. Zool. Japon., vol. 16.
Occurrence in north Japan of a new species of an aberrant polychaete genus, *Lycastopsis*. Ann. Zool. Japon., vol. 16.
Note on two unrecorded pelagic polychaetes from Japan. Ann. Zool. Japon., vol. 16.
Annelida polychaeta in Onagawa Bay and its vicinity. I. Polychaeta sedentaria. Sci. Rep. Tôhoku I. U., vol. 12.
Polychaetous annelids from the Palau Island and adjacent waters, the South Sea Islands. Bull. Biogeogr. Soc. Japan, vol. 7.

(*1938*)

The Sabellariidae of Japan. Jour. Fac. Sci., H.U.I., vol. 6.
Notes on the spawnning habit of *Arenicola claparedii* Levinsen. Ann. Zool. Japon., vol. 18.
Polychaetous annelids from the vicinity of the Mitsui Institute of Marine Biology. Jap. Jour. Zool., vol. 8.
Polychaeta from Ise Bay. Zool. Mag. vol. 50. (In Japanese).

(*1939*)

Annelida polychaeta in Onagawa Bay and its vicinity. II. Polychaeta errantia with some addenda of polychaeta sedentaria. Sci. Rep. Tôhoku I. U., vol. 14.
The Enteropneusta from the Palau Island. Jour. Fac. Sci., U.I.H., vol. 7.
Polychaetous annelids collected by Prof. Teizo Esaki at Kusaie and Korror in the Carolines, South Sea Islands. Ann. Zool. Japon., vol. 18.
Lunar periodicity in animal reproduction. Botany and Zoology, vol. 7. (In Japanese).

(*1940*)

Polychaetous annelids of the Ryukyu Islands. Bull. Biogeogr. Soc. Japan, vol. 10.
Metamorphosis of a pycnogonid parasitic in a hydromedusa. Jour. Fac. Sci., H.I.U., vol. 7.

(*1941*)

The hydroid *Lar* and the medusa *Proboscidactyla*. Jour. Fac. Sci., H.I.U., vol. 7. (With T. Uchida).

(*1943*)

Occurrence of a freshwater polychaetes in Central China. Jour. Shanghai Sci. Inst., vol. 2.

A new species of Archiannelida, *Trilobodrilus nipponicus* n. sp. Jour. Fac. Sci., H.I.U., vol. 8. (With T. Uchida).

The fauna of Akkeshi Bay. XIV. Solenogastres. Ann. Zool. Japon., vol. 22.

(*1944*)

Worms used as bait in Hokkaido. Month. Rep. Hokkaido Suisan-shikenjo, vol. 1. (In Japanese).

(*1946*)

The fauna of Akkeshi Bay. XV. Gephyrea. Jour. Fac. Sci., H.U., vol. 9.

Studies on the development of Annelida polychaeta I. Jour. Fac. Sci., H.U., vol. 9.

(*1947*)

Notes on the post-larval development of the giant chiton, *Cryptochiton stelleri* (Middendorff). Jour. Fac. Sci., H.U., vol. 9.

On an ampharetid worm, *Schistocomus sovjecticus* Annenkova, with some notes on its larval development. Jour. Fac., Sci., H.U., vol. 9.

(*1950*)

Notes on some commensal Polychaetes from Japan. Ann. Zool. Japon. vol. 21.

On the post-larval development of the giant chiton. Oguma Commemoration Volume on Cytology and Genetics, Pt. 2. (In Japanese).