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A Preliminary List of Fishes from the Northern Pacific Ocean

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(With 1 Text-figure)

After the lapse of a comparatively long time since the end of the Second World War, the operation of the Japanese Northern Pacific Salmon Fisheries is now active again. Lately an extensive survey of fishes around the vast area of the North Pacific Ocean has been undertaken. The survey has yielded splendid collections of salmon together with other kinds of fishes in every season, which are of great interest since the salmonid fishes are one of the most important foods in the commercial fisheries in Japan.

This paper offers a preliminary list of fishes collected by the Kyokkoh Maru of the Oceanic Freezing Co., Ltd., the Chyokoh maru of the Hakodate Open-Sea Fisheries Co., Ltd., and the Takuyoh Maru, a training ship of the Hokkaido Otaru Fisheries High School. The collections were made within the period from May 4 to August 10 of the year 1956. To publish such an incomplete list may not be uncalled for, because knowledge about the fishes from the Northern Pacific Ocean is rather meagre.

It is the writer's pleasant duty to express here his cordial thanks to Mr. K. Nishino, an inspector of the Kyokkoh Maru and Mr. E. Sakano of the Chyokoh Maru, with whose cooperation some of the specimens examined were collected in the North Pacific. Also, indebtedness is acknowledged to Mr. Kanji Tobishima and others of the Hokkaido Otaru Fisheries High School who placed several samples and data necessary for this report at the writer's disposal.

The fishes under examination are listed as follows :

Family Petromyzonidae

Genus *Lampetra*

- * *Lampetra japonica* (Martens). *Nom. Jap.*, Kawayatsume.

Family Lamnidae

Genus *Lamna*

- * *Lamna ditrops* Hubbs and Follett. *Nom. Jap.*, Nezumi-zame or Mohka.

Family Carcharhinidae

Jour. Fac. Sci. Hokkaido Univ. Ser. VI, Zool. 13, 1957 (Prof. T. Uchida Jubilee Volume).

Genus *Glyphis*

- * *Glyphis glaucus* (Linné). Nom. Jap., Yoshikiri-zame.

Family Squalidae

Genus *Squalus*

- * *Squalus acanthias* Linné.
= *S. suckleyi* (Girard). Nom. Jap., Aburatsuno-zame or Abura-zame.



Fig. 1. *Lepidotus brama* (Bonnaterre).

Family Salmonidae

Genus *Oncorhynchus*

- * *Oncorhynchus keta* (Walbaum). Nom. Jap., Sake or Shiro.
* *Oncorhynchus nerka* (Walbaum). Nom. Jap., Beni-masu or Beni.
* *Oncorhynchus tshawytscha* (Walbaum). Nom. Jap., Masunosuke or Suke.
* *Oncorhynchus kisutch* (Walbaum). Nom. Jap., Gin-masu or Gin.
* *Oncorhynchus gorbuscha* (Walbaum). Nom. Jap., Karafuto-masu or Masu.

Genus *Salmo*

- * *Salmo penshinensis* Pallas.

Genus *Salvelinus*

- * *Salvelinus malma* (Walbaum). Nom. Jap., Oshyorokoma.

Family Alepisauridae

Genus *Alepisaurus*

- * *Alepisaurus borealis* (Gill). Nom. Jap., Mizu-uo.

Family Anotopteridae

Genus *Anotopterus*

- * *Anotopterus pharao* Zugmayer. Nom. Jap., Mizu-uo-damashi.

Family Scombresocidae

Genus *Cololabis*

- * *Cololabis saira* (Brevoort). Nom. Jap., Sanma.

Family Lepidotidae

Genus *Lepidotus*

- * *Lepidotus brama* (Bonnaterre). Nom. Jap., Shimagatuso or Echiopia.

Family Tetragonuridae

Genus *Tetragonurus*

- * *Tetragonurus cuvieri* Risso. *Nom. Jap.*, Uroko-ibodai.

Family Hexagrammidae

Genus *Pleurogrammus*

- * *Pleurogrammus monopterygius* (Pallas). *Nom. Jap.*, Kitano-hokke.

Family Acrotidae

Genus *Acrotus*

- * *Acrotus willoughbyi* Bean.

Family Gadidae

Genus *Theragra*

- * *Theragra chalcogramma* (Pallas). *Nom. Jap.*, Suketo-dara or Sukeso.

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