

A General Review of the Japan Sea Fishing Conditions
in the Year 1953, by Toshimasu Shimomura.

JAPANESE, rpt, Bulletin of the Japanese Sea Regional
Fisheries Research Laboratory, No 6, 1957, pp 321-332.

Fishing Base Director
Bureau of Commercial Fisheries
2725 Montlake Blvd. E.,
Seattle 2 Washington

Sci

Mar 64

Ecological Studies on the Common Squid, *Todarodes Pacificus* Steenstrup, Mainly in the Southwestern Waters of the Sea of Japan, by Mototsugu Hanabe, Torao Shimizu.

JAPANESE, par. Bulletin of the Japan Sea Regional Fisheries Res Laboratory, No 16, 1966, pp 13-55.

Dept of Interior

Bureau of Commercial Fisheries

Branch of Foreign Fisheries

Sci-B and M

Jan 68

348.557

Agency: 1001
A. No.: 10-077-72-220

R-14316-P S.F.
17 Jan. 72

Title: Observations on the occurrence and distribution
of planktonic larvae of Queen crabs,
Chionoecetes spp. in the neighboring waters
of Sado Island

Authors: Ito, Hitouchiyo and Keji Nakamura

Source: Bull. of Jap. Sea Reg. Fish. Lab., No. 23,
1971, pp. 63-100

Language: Japanese 17pp

Special Instructions: Translate, type in 2 cys. and
paste in charts and figures

Okiyama, H. 1965
Some information on the eggs and larvae of the common
squid, Todarodes pacificus Steenstrup (Surumeika,
Todarodes pacificus Steenstrup, no Tamago Chishi ni
kansuri 2.3 no Chiken)
Bulletin of the Japan Sea Regional Fisheries Research
Laboratory, (15): 39-53. In Japanese.

Transl. by Transl. Bur. Fgn. Lang. Div., Dept. of Sec. of
State of Canada for FRBC Biol. Station, St. John's, Nfld.,
1967, as FRBC Transl. No. 811.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked *MS*

Fukutaki, Hiroshi

1969

Occurrence and distribution of planktonic larvae of
edible crabs belonging to the genus *Chionoecetes* (Majidae,
Brachyura) in the Japan Sea

Bull. Jap. Sea. Reg. Fish. Lab., 21: 35-54. In Japanese.

Transl. by JPRS for NMFS, Mar. 1971, 30p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *[initials]*

Dr. Matsushiro and Toji Ikehara
Observations on the occurrence and distribution of
planktonic larvae of the queen crabs Chionoecetes spp.
in the neighbouring waters of Sado Island
Bull. Jap. Sea Reg. Fish. Res. (23): 3-1
Japanese.

1-11

Transl. by PRS for NMFS, Apr. 1962, 31p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Shikama, Seiro

1971

Roundfish on the seamounts in the North Pacific
Bull. of Jap. Soc. of Fisheries Oceanogr., (19).
in Japanese.

Transl. by STFC for Pacific Biol. Stat., Honolulu, H.O.,
1972, as transl. Series No. 213, 1 p., 1. descript.

Avail. on loan - STFC, Wash., D.C.

Original Article Checked *HK*

Concerning the Function of the Abrasive Grains
of Grinding Wheels in Mirror Finishing, by K.
Yokokawa, K. Shinada, 40 pp.
JAPANESE, per, Bull. Jap. Soc. Grind. Eng.
Vol 3, 1963, pp 1-17
ABC RFP Tr-18

391,205

Sci - Mech
Jul 67

On the Gill-rakers of *Sardinia Melanosticta*
(Tomminck and Schlegel), by Noboru Sako,

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, No 7, 1938, pp 237-238.

Dept Interior
SB211 B82 No 288

Sci - Biol
May 61

148,867

On the Stock of Spring Herring in Hokkaido, by
Marisaburo Tauchi.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XIII, No 5, 1948,
pp 207-209.

Dept of Interior
SH 211, E82, No 246

Sci - Biol
Sep 60

127,974

Ecological Studies on a Clupeoid Fish Argentina
Semifasciata Kishinouye. I. The Relation Between
Body Length and Body Weight, by Ochiai Akira, 11 pp.
JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 18, No 4, 1952,
pp 136-139.

Dept of Interior

BCF/OFF

A-36-Feb 1970-No 5

On Loan

Sci/B&M

May 70

Agency: Naval Research Laboratory
P.O.# 00173-9-006397

h-10529-2 - -
-30 June 1969

Authors: T. Sasaki, G. Oshiba et al.

Title: On underwater visibility by sealed-beam
headlight bulb

Source: Bull. Japan. Soc. Sci. Fisheries, 19 (1952),
pp. 216-222

Language: Japanese No. of pages: 7

Special Instructions: Leave sufficient space to insert
equations, figures & tables.

Fujita, T. et al

1953

Pathological and histological study of the inflammatory
changes in gutta serena in Hiroshima Bay
Bull. of Jap. Soc. of Scient. Fish., 19(6): 766-770.
In Japanese.

Transl. by M.A. Hintze for CSIRO 1971, as CSIRO transl.
No. 10574, op., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Fluctuations in the Stock of Hokkaido Spring Herring.
I. Mean Age Composition, by Yoshihara Tomokichi.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XIX, No 7, 1953, pp
828-831.

Dept of Interior
Fish and Wildlife Service
Bu of Commercial Fisheries
Biological Laboratory
Boothbay Harbor, Me.
SH211, E82, No 266

Sci - Biol
Sep 60

126,608

Fluctuations in the Stock of Hokkaido Spring Herring.
II. Net Reproduction Rate, by Yoshihara Tomokichi.

JAPANESE, per, Bulletin of the Japanese Society of
Scientific Fisheries, Vol XIX, No 7, 1953, pp 832-835.

Dept of Interior
Fish and Wildlife Service
Bu of Commercial Fisheries
Biological Laboratory
Boothbay Harbor, Me.
SH211, E82, No 267

Sci - Biol
Sep 60

126,606

Investigations Into the Tracability of New Fisheries
by Using Low-Frequency Shocks. Electrocuting Test in
Long-Line Fishing. Report III, by Kuroki, Toshiro,
4 pp.

JAPANESE, per, Bull Jap Soc Sci Fish, Vol XVIII, No 8,
1953.

FWS

Sci
Jan 64

Studies on the Electric Fishing System. VIII. In-
terruption of the ~~Ma~~electrification Process in
Combined Trawling and Electric Fishing, by
Kuroki, Toshiro, 6 pp.

JAPANESE, per, Bull Jap Soc Sci Fish, Vol XVIII, No 9,
1953.

FWS

Sci
Jan 64

Studies on the Electric Fishing Screen. VII. Practical
Arrangements of Electrodes to Obtain Correct Distribu-
tion of Potential, by Kuroki, Toshiro, 5 pp.

JAPANESE, per, Bull Jap Soc Sci Fish, Vol XVIII, No 3,
1953, 12:

FWS

Sci
Jan 64

Ecological Studies on a Clupeoid Fish Argentina
Semifasciata Kishinouye. III. On the Gnaad, by
Ochiai Akira, 7 pp.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 19, No 9, 1954,
pp 968-972.

Dept of Interior

BCF/OFF

A-36-Feb 1970-No 6

On Loan

Sci/B&M

May 70

An Experimental Study of Fish Tagging, by Tamotsu
Tamura, 15 pp.

JAPANESE, Bulletin, Japanese Society of Scientific
Fisheries, VI XIX, 1954, pp 1021-1027.

S.L.A. Tr 710/1955

Sci - Biology
Apr 1957 CTS/dex

50, 310

The Secular Variation of the Total Length of Spring
Herring *Clupea Pallasii* C et V in the Western Coast
of Hokkaido, by Kitahama Hitoshi.

JAPANESE, per, Bulletin of the Japanese Society of
Scientific Fisheries, Vol XXI, No 8, 1955, pp 915-920

Dept of Interior
~~Seattle~~ Biological Laboratory
Bu of Commercial Fisheries
Fish and Wildlife Service
Boothbay Harbor, Me
SH211, E82, No 242

Sci - Biol

126,947

Bigeye Studies II. A Contribution of the Size
Composition of Bigeye Taken on Pole and Line, by
Kamimura, Tadao, et al.

JAPANESE, per, Bull Jap Soc Sci Fish, Vol XX, No 10,
1955, pp 863-869.

FOL

Sci

Jan 64

Studies of Dolphin Fishing Conditions in the
Western Sea of Japan- I, III, V, VI, by
Shunpei Kojima.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XX, No 12;
Vol XXI, No 10, Vol ~~X~~ XXVI, No 4, Vol XXVII, No 7,
1957.

Dept of Int
SH211 B82 No 41490

SH 211 B82

SH 211 B82

SH 211 B82

Studies on the Fish Larvae in the Western Pacific
Ocean. Post-Larvae of *Katsuwonus Pelamis*, by
Hiroshi Yabe.

JAPANESE, par, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XX, No 12, 1955,
pp 1054-1059.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Hawaii.

Sci - Biol

87, 700

May 59

Fujita, T. et al

1955

A pathological and histological study of inflammatory changes in Strea gigas in Hiroshima Bay. II
Bull. of Jap. Soc. of Scient. Fish., 21(12): 1403-1409.
In Japanese.

Transl. by M.A. Mintze for CSIRO, 1971, as CSIRO Transl.
No. 14673, 5p., typescript.

Avail. on loan - NIEHS, Wash., D.C.

Original Article Checked *MR*

On the Age and the Growth of the Argentine -
Argentina Semifasciata Kishinouye, by
Isao Hanyu, 20 pp.
JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 21, No 9, 1956,
pp 991-999.
Dept of Interior
BCF/OFF
A-36-Feb 1970-No 4
On Loan

Sci/B&M
May 70

On the Relation Between the Intensity of Illumination
and the shifting of cones in the fish retina, by
Tamura Tamotsu.

JAPANESE, per, Bull Jap Soc Sci Fish, Vol XXII, No 12,
1957, pp 742-746.

BMEF

Sci

Jan 64

Lipids of the Muscle of Tuna, *Thunnus Orientalis*.
II. Acetone-Soluble Lipids of the Dark-Colored
Muscle, by Igarashi Hisanao, Zama Koichi, Katada
Muneo.

JAPANESE, per, Bulletin Japanese Society of Scien-
tific Fisheries, Vol XXII, No 12, 1957, pp 791-794.

Dept of ~~Commerce~~ Interior
Bu of Commercial Fisheries
Technological Laboratory
Seattle, Wash
SH211, E82, No 234

Sci. Rep

12/6/94

Lipids of the Muscle of Tuna, *Thunnus orientalis*,
III. Lecithins of the Dark-Colored and Ordinary
Muscles, by Hisanao Igarashi, Koichi Zama,
Muneo Katada, 8 pp.

JAPANESE, per, Bulletin of the Japanese Society of
Scientific Fisheries, Vol XXIII, No 5, 1957,
pp 273-277.

Sci - Biol
Jul 60

Dept of Interior
Bu of Commercial Fisheries
Technological Laboratory
Seattle, Wash. 120,260

Lipids of the Muscle of Tuna, *Thynnus Orientalis*.
IV. Cephalins of the Dark-Colored and Ordinary
Muscles, by Hisanao Igarashi, Koichi Zama, Muneko
Katada, 10 pp.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXIII, No 5, 1957,
pp 278-281.

pp 278-281

Dept of Interior
Div of Commercial Fisheries
Biological Laboratory 120, 254
Technological
Seattle, Wash

Sci - Biol
Jul 60

1. The Muscle of Tuna, *Thunnus orientalis*.
2. Pectone-soluble Lipids of the Ordinary Muscle, by H.
Igarashi, K. Zama, M. Katada.

JAPANESE, par, Bulletin Japanese Society of Scientific
Fisheries, Vol XXII, No 12, 1957, pp 787-790.

Dept of Interior
SH211, E82, No 233

Sci - Biol
Sep 60

127,969

On the ~~EM~~ Structure of Yellowfin Tuna Schools as
Seen From the Distribution of the Catch on the
Tuna Longline, by Nobuo Hirayama.

JAPANESE, per, ~~Bulletin of the Japanese Society~~
of Scientific Fisheries, Vol ~~XXIII~~, No 7-8,
pp 373-375.

Dept of Interior
SE211 E82 No 351

191,505

Sci - Biol

The Study ~~is~~ on the Color of the Fishing Net,
by Kenji Kanda.

JAPANESE, ^{pp} Bulletin of the Japanese Society of
Scientific Fisheries, Vol XXIII, No 10, 1958,
pp 612-624.

Dept of Interior
SH11 A422 No 1-3

Asia
Soc

190,799

Arg 62

Studies on Movements of Albacore Fishery Grounds
in the N. W. Pacific Ocean. I. Adaptability of
Water Temperatures for Albacore in the Winter
Season, by M. Inoue.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXII, No 11, 1958,
pp 673-679.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

Sci - Biol

Jan 59

88,602

Study on the Color of Fishing Net. IV. A
Change in the Illumination Affecting the Be-
havior of a Fish School Near a Colored Net,
by K. Hada, A. Koike.

JAPANESE, per, Bulletin of the Japanese So-
ciety of Scientific Fisheries, Vol XXIII,
No 11, 1958, pp 680-683.

Sci - Ehol
Jun 59

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

88,603

Studies on Fish Culture in the Aquarium of Closed-Circulating System; Its Fundamental Theory and Standard Plan, by A. Saeki.

JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol. XXII, No 11, 1958, pp 684-695.

OFF JAPAN
TODD (9219470)

Sci - Biol
Jun 59

Dept of Int.
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

922792 88,605

Fishing Power of Saury Blanket Net 2 (Bouka-
Ami) Fishery, by M. Inoue, K. Watanabe.

JAPANESE, per, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XXIII,
No 12, 1958, pp 745-748.

Dept of Int
US Fish and Wildlife Serv
Pacific Oceanic Fishery
Investigations, Honolulu,
Hawaii.

Sci - Biol
Jun 59

88,599

Experiments to See the Effect of Color and Its
Depth on the Driving Net by the Centralized
Method, by T. Kusaka.

JAPANESE, per, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XXIII,
No 12, 1958, pp 766-769.

Dept of Int
US Fish and Wildlife Serv
Sci - Biol Pacific Oceanic Fishery
Investigations, Honolulu,
Jan 59 Hawaii.

88,604

Carbonyl Compounds in Fish as Related to De-
terioration. 1. Detection of Volatile Carbonyl
Compounds Formed in Fish Flesh, by F. Ota.

JAPANESE, per, Bulletin Japanese Society of Sci-
entific Fisheries, Vol XXIV, No 5, 1958, pp 334-337.

Dept of Interior
SH211, E82, No 253

Sci - Biol
Sep 60

127,979

Carbonyl Compounds in Fish as Related to the
Deterioration. II. Thermal Production of
Formaldehyde in Fish Flesh, by Fuyuo Ota.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXIV, No 5, 1958,
pp 338-341.

Dept of Interior
SM211 182 No 253a

Sci - Biol

190,801

Apr 62

Studies of Drifting Sea Weeds: Larval and Juvenile Fishes Accompanying Drifting Sea Weed-- I. Investigations in the Vicinity of Tsuyazake in Fiscal Year 1957, by Keitaro Uchida, Yoichi Shojima.

JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol XXIV, No 6, 7, 1958, pp 411-415.

Sci - Biol
Oct - 63
~~Sci - Biol~~

Dept of Interior
ACS E57 No 55

240,784

Agency: Naval Research Lab.

P.O. #00173-9-006216

R-11, 445-2
29 Jan 69

Author: Y. Horiguchi

Title: Trace components in the shells of shellfish

Source: Bull. Jap. Soc. of Scientific Fisheries,
25, 5 (1959), 392-396.

Language: Japanese ⁵ pages

Instructions: Type one copy of translation; leave
space for figures and equations.

Lipids of the Muscles of Tuna, *Thunnus orientalis*. V. Further Researches on the Phospholipids, by Munco Katada, Koichi Zama, Hisano Igarashi, 10 pp.

JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol XXIV, No 9, 1959, pp 735-740

Sci - Biol
Jul 60

Dept of Interior
Bu of Commercial Fisheries
Technological Laboratory
Seattle, Wash

120,250

On the Interrelationship Between Bluefin Tuna
and Coastal Fishes, by Takeyuki Doi.

per,

JAPANESE, Bulletin of the Japanese Society of
Scientific Fisheries, Vol XXVI, No 2, 1960,
pp 99-102.

Dept of Interior
SB211 B82 No 347

191, 496

Biol
Sci - ~~BIODON~~

Apr 62

R-0118-D

Studies on the External Mucous Substance
of Fishes III

Source: Bulletin of the Japanese Society
of Scientific Fisheries.

Vol 26, No 7, 1960, pp 745-748. (4pp)

Vol 26, No 7, 1960, p-p739-744. (6pp)

JAPANESE-Fst for Wds:

Type and Original and 1 Carbon copy.

R-6418-D
14 Dec 65

Studies on the External Mucous Substance of Fishes III

Source: Bulletin of the Japanese Society of Scientific

Fisheries Vol 27, No 2, 1961 pp 143-146 { 4 pp }

Vol 26, No 7, 1960 pp 745-748 { 4 pp }

Vol 26, No 7, 1960 pp 739-744 { 6 pp }

Total: 14 pp

Japanese - cut for vda:

Type an original and 1 carbon copy. Document may be cut for paste-up.

Chemical Studies on the Red Muscle of Fishes -
XIX. Oxygen Dissociation Curve of
Tuna Myoglobin, by Fumio Matsuura,
Kanemisa Hashimoto.

JAPANESE, per, Bulletin of the Japanese
Society of Scientific Fisheries, Vol XXVII,
No 2, 1961, pp 162-165.

Dept of Interior
SR211 E82 No 444

Sci - Bio & Med Sci
Mar 63

225,319

Studies on Antimicrobial Action of Oxidized Fish Oil - IV. On the Mode of Antimicrobial Action of Oxidized Fish Oil and the Reversal Substances, by Masemichi Toyomizu. JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol XXVII, No 2, 1961, pp 182-187.

Dept of Interior
SH211 E82 No 514

Sci - Biol

Feb 64

250,160

Influence of Different Lethal Conditions Upon
Fish Muscle Protein -II. Denaturation of Carp
Myosins by Freezing and Frozen Storage, by
Nasao Migita.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXVII, No 4, 1961,
pp 327-338.

Dept: of Interior
SERIAL E82 No 445

225,234

Sci & Bio & Med Sci
Mar 63

Adenosinetriphosphate and Related Compounds
in the Muscles of Aquatic Animals, by
T. Saito.

JAPANESE, ¹⁾Japanese Society of Scientific
Fisheries, Bulletin, Vol XXVII, No 5, 1961,
pp 461-470.

NRC/Ref. C-4235

Sci-Biol

Aug 63

34,987

Studies on the Fishing Conditions of Dolphins, *Coryphaena Hippurus L.*, in the Western Region of the Sea of Japan **MKIII**.
Food ~~C~~ontents of the Dolphing, by S. Kojima.
JAPANESE, per, ~~B~~ulletin of the Japanese Society of Fisheries, Vol XXVII, No 7, 1961.

NZIDIA

Sci - Biol

Feb 64

250,409

On the Peterson-Type Estimate of Fish Population
Under the Existence of Recruitment, by Yukioy Nose.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXVII, No 10, 1961,
pp 381-392.

Fisheries Research Inst
(Loan)

Sci
Sept 64

Studies on Enzymes in Fish Blood-II Effect of
Organophosphorus Insecticides on Cholinesterase
Activity, by Kasuhiko Hayama, Seishi Kucabara.
JAPANESE, per. Bull of the Japanese Society of
Scientific Fisheries, Vol 27, No 12, 1961, pp
179-183.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B and M
Jan 68

346,906

Studies on Enzymes in Fish Blood-I Preparation and Purification of Cholinesterases, and their Chemical Properties, by Seishi Kusabara, Kaguhiko Hayama. JAPANESE, per, Bull of the Japanese Society of Scientific Fisheries, Vol 27, No 12, 1961, pp 1088-1094.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B and M
Jan 68

346,907

Doc. Fish. 123

146-0740
27 Sept 57

I. Studies on enzymes in fish blood I & II

By: Seishi KUMABARA, et al

From: Bull. of the Jap. Society of Sci. Fisheries

Vol 27, No 12, 1961 pp1038-1094 (7 pp)

Vol 28, No 2, 1962 pp 179-183 (5 pp)

Japanese - est for wds:

Please translate and type 1 camera ready copy, and 3 carbon copies. Do not mutilate document. Reproduce for paste-up.

Agency: IRIE

File No.: 69-75 7155

R-12472-D

6 Dec. 1970

Title: Rearing of larvae of marine animals with
special reference to their food organisms

Author: Hirano and Shimizu

Source: Bull. of Jap. Soc. of Ocean. Fisheries,
Vol. 29, No. 3, 1963, pp. 288-297

Special Instructions: Translate and type 2 cys.

Language: Japanese

Sperm Oil, by Hisashi Fujii.
JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol XXIX, No 9, 1963,
pp 889-898.
Fisheries Research
Board of Canada,
Tech Stations

Sci - Biol & Med Sci
sept 64

266,482

Agency: ~~SECRET~~
C. . No.: 704-795 #158

REF ID: A651-2
21 JAN 1971

Title: Fish oil-solvent-extract system examined for
the foundation of the preparation of fatless
fish meal

Author: Sumida, K. and K. Saruya

Source: Bull. Jap. Soc. of Sci. Fish., Vol. 30, No. 1,
1964, pp. 37-41

Language: Japanese

Special Instructions: Translate and type 2 copy. Also
quote in tables and figures

Comparative Study on the Fatty Acid Composition of
Sheelfish, by Y. Shimma, H. Taguchi.
JAPANESE, per, Bull. Japan. Soc. Scien. Fisheries,
Vol 30, No 2, 1964, pp 153-160.
(NRC/Ref: C-5254)

Sci -
Aug 67

339,937

Comparative Study on the Fatty Acid Composition
of Fish, by Y. Shimma, H. Taguchi.
JAPANESE, per, Bull. Japan. Soc. Scien.
Fisheries, Vol. 30, No. 2, 1964, pp 179-188
NRC/Ref. C-5255

Sci -
Aug 67

337-061

Study on the Migration of Squid (*Ommastrephes*
Sloani Pacificus Steenstrup) as Related to the
Phases of the Moon, by Mototsugu Hamabe.
JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 30, No 3, 1964,
pp 209-215.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B and M
Nov 67

345.514

The Seasonal Change of Gonad Weight of Sockeye
and Chin Salmon in the North Pacific Ocean,
Especially with Reference to Mature and Immature
Fish, by Kenji Takagi.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 31, No 4, 1965,
pp 17-34.

*CFSTI TT 68-50600

Sci/B&M
Jul 68

On the *Benedenia Seriolae*, by Toshikazu Hoshina.
JAPANESE, par, Bulletin of the Japanese Society
of Scientific Fisheries, pp 40-46.
*CSFTI TT 68-50600/2

Sci/B & M
Feb 68

Brief Notes on the Japanese Monogenetic Nematodes
(Review), by Toshikazu Hoshina.
JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, pp 47-57.
*CSFTI TT 68-50600/4

Sci/B & M
Feb 68

Larval Cestode (Tetrahynchidean Larva) Found in
the Abdominal Cavity of Cultured Young Yellow-
tail, by Kenji Nakajima.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, pp 76-83.

*CSFTI TT 68-50600/3

Sci/B & M
Feb 68

On the Spatial Distribution of Salmon by Means
of the Analysis from the Catch of Fish per Unit
Net, by Seikichi Mishima.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 31, No 4, 1965,

pp 269-276.

*CSFTI TT 68-50600/1

Sci/B & M
Feb 68

On the Movement of Fish Shoals and the Change
of Bottom Temperatures on the Trawl-Fishing Grounds
of the Eastern Bering Sea, by H. Koto and T.
Maeda.

JAPANESE, per, Bull. Jap. Soc. Sci. Fish., Vol
31, No 10, 1965, pp 769-780.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B and M
Nov 67

245,485

Muscular Dystrophy of Carp Due to Oxidized Oil
and the Preventive Effect of Vitamin E, by Y.
Hashimoto, T. Okaichi.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 32, No 1, 1966,
pp 64-69.

Dept of Interior
Fish and Wildlife Service
ECF, Bureau of Foreign Fisheries

Sci-B and M
Nov 67

345,489

nucleotides of the Muscle of Marine Invertebrates, by K. Arai. 7 pp.
JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol 32, No 2, 1966,
pp 174-180.
*CISTI TF 69-53-14

sci/band n
mar 69

Biochemical Study of the Loss of Freshness in
Ice-Stored Plaice and Skipjack, by Uchiyama
Hitoshi, Suzuki Taneko.

JAPANESE, per, Bulletin of the Japanese Society
of Scientific Fisheries, Vol 32, No 3, pp 280-
285.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-B and M
Nov 67

345,520

Mishima, S., Maeda, T. and
M. Yeno

1966

Studies on the fishing grounds II. On the correlation
between the migration of salmon and oceanographical
condition of the Okhotsk Sea
Bulletin of the Japanese Society of Scientific Fisheries,
32(7): 543-547. In Japanese.

Transl. for BCF, Aug. 1970, 10p., typescript.

Avail. on Loan - BCF, Wash., D.C.

Original Article Checked. *NR*

Postmortem Changes in Fish Myosins-IV. The
Composition and Activity of Myofibrillar Protein,
by Tanaka Suzuki, Koichi Kama.

JAPANESE, per. Bulletin of the Japanese Society
of Scientific Fisheries, Vol 32, No 7, 1966,
pp 590-599.

Dept of Interior
Bureau of Commercial Fisheries
Branch of Foreign Fisheries

Sci-B and M
Jan 68

Effect of Dietary Lipids on Fish under Cultivation III. Effect of Methyl Esters of Highly Unsaturated Fatty Acids, Methyl Linoleate and Methyl Palmitate on the Fatty Acid Composition of Rainbow Trout Flesh Lipids, by T. Kaneko, M. Takasuchi.

JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol 33, No 1, 1967, pp 47-55.

Dept of Interior
Fish and Wildlife Service
ECF, Bureau of Foreign Fisheries

Sci-ISM
Oct 67

343,145

Effects of Dietary Lipids on Fish Reared Artificially. IV. Changes in the Fatty Acid Composition of the Flesh Lipids of Fasting Rainbow Trout, by T. Kaneko, M. Takushi. JAPANESE, per, Bulletin of the Japanese Society of Scientific Fisheries, Vol 33, No 1, 1966, pp 56-58.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries.

Sci-EMM
Oct 67

343,144

Hlood Type of Fish, by Akimi Suzuki, 11 pp.
JAPANESE, per. Bulletin of the Japanese Society
of Scientific Fisheries, Vol 33, No 4, 1967,
pp 372-381.
*CFSTI TT 67-59077

Sci-B and H
Jan 68

Nimura, Yoshiachiro
Biology of the brine shrimp
Publ. of Jap. Soc. of Scient. Pis., 33:71: 69-702.
In Japanese.

1967

Transl. by JPRS for NMFS, Aug. 1972, 24p., typescript.

Avail. on Loan - NMFS, Wash., D. C.

Original Article Checked *MP*

Pulling Power of Large Stern Trawler Operating at Rough Sea, by Takeo Koyama.
JAPANESE, per, Bulletin of Japanese Society of Scientific Fisheries, Vol 33, No 10, 1967, pp 937-941.

*Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
No A-28/May 69/198

Sci-Mech
July 69

Post-mortem Breakdown of Trimethylamine Oxide
in Fishes and Marine Invertebrates, by
K. Yamada.

JAPANESE, per, Bull Jap Soc Scient Fish,
Vol 34, No 6, 1968, pp 541-551.

NRC 7728

Sci-B&M
Dec 69

398,182

Irradiation of Fishery Foods, by Harumi Tozawa,
56 pp.

JAPANESE, per, Bulletin of the Japanese Society of
Scientific Fisheries, Vol 34, No 8, 1968,

pp 740-755.

Dept of Interior

Bureau of Commercial Fisheries

Office of Foreign Fisheries

A-34-Dec 1969-No 102

On Loan

XCFSTI 7769-53000

Sci/B&M

Mar 70

404,S12

Agency: IIRIS

P. No.: 69-8-75 #150

R-12337-D

4 Nov. 70

Title: Histological Changes of Various Organs in the
Spleen of Chin Salmon and of Rainbow Trout during
the seasonal migration or following the experi-
mental transference into sea water from fresh
water

Author: Shimozono, Tsuneo

Source: Bull. of Jap. Soc. of Sci. Fisheries, Vol. 35
No. 3, 1969, pp. 273-283

10pp

Language: Japanese

Special Instructions: Granulate and type 2 cys of ea.

Agency: **WALLS**
P.O. No.: **70-41-795 #159**

R-12640-D
21 JAN. 1971

Title: **On measuring the dropping rate of salmon (fall
nets by means of underwater television
techniques**

Author: **Ichida, H. et al**
Source: **Bull. Jap. Soc. of Sci. Fish., Vol. 35, No.
12, 1969, pp. 1157-1166**

Language: **Japanese**
Special Instructions: **Translate and type 2 cpy. Also
paste in tables and figures**

Agency: AID
P.O. No.: O-44-75 / 129

A-11853-D
8 July 70

Title: Histological studies on the reproductive cycle
of the surf clam, Spisula sacralineumis-I. sea-
sonal changes in the testis

Author: H. Taisakoshi and K. Sakano

Source: Bull. Jap. Soc. Ocean. Fish., Vol. 36, No. 4,
1970, pp. 337-344. 6pp

Language: Japanese

Special Instructions: Translate and type 2 cys.

REF ID: A66783
No. 123

R-11852-D
8 July 70

Title: Histological studies on the reproduction cycle
of the surf clam, Spisula sachalinensis-II.
Seasonal changes in the body.

Author: Takahashi, H. and K. Yamamoto
Source: Bull. Jap. Soc. Scien. Fish., Vol. 36, No. 4,
1970, pp. 345-352. 6pp

Language: Japanese
Special Instructions: translate and type 2 cys.

Study of the Ulcer of Marine Fish, by
R. Kusuda.
JAPANESE, per, Bulletin of Kyoto Fisheries
Experiment Station, No 25, 1965, 116 pp.
Dept of Interior
Bureau of Commercial Fisheries
Office of Foreign Fisheries
No A-28/May 69/55
On Loan Only

Sci-B&M
July 69

388,611

Studies on the Pyrogen Test. I. Application of
Electrical Thermometer to the Pyrogen Test(1),
by T. Kuwamura, Y. Muto.
JAPANESE, per, Bulletin of the National Institute of
Hygiene Science. Tokyo, Vol 82, 1964, pp 59-62.
ACSI J-8119
ID 2204004470

Sci/B6M
Apr 70

405,640

Studies on the Pyrogen Test. II. Pyrogen Test of
Water for Injection(1), by T. Kuwamura, Y. Muto.
JAPANESE, per, Bulletin of the National Institute of
Hygiene Science. Tokyo, Vol 83, 1964, pp 63-65.
ACSI J-8120
ID 2204004570

Sci/BGM
Apr 70

405,637

Studies on the Pyrogen Test. III. Application of
Electrical Thermometer to the Pyrogen Test(2), by
S. Tanaka, T. Kuwamura.
JAPANESE, per, Bulletin of the National Institute of
Hygiene Science, Tokyo, Vol 84, 1966, pp 39-42.
ACSI J-8121
ID 2204004670

Sci/B&M
Apr 70

405,636

Studies on the Pyrogen Test. IV. Application of
Electrical Thermometer to the Pyrogen Test(3), by
S. Tanaka, T. Kuwamura, 6 pp.
JAPANESE, per, Bulletin of the National Institute of
Hygiene Science, Tokyo, Vol 84, 1966, pp 45-46.
ACSI J-8122
ID 2204004770

Sci/DSM
Apr 70

405,635

Studies on the Pyrogen Test. V. Pyrogen Test of
Water for Injection(2), by M. Ueda, T. Kuwarura.
JAPANESE, per, Bulletin of the National Institute of
Hygiene Science, Tokyo, Vol 84, 1966, pp 46-47.

ACSI J-8123

ID 2204004870

Sci/B&M
Apr 70

405,638

Results of Pyrogen Test for National Certification
of Glucose Injection and Ringer's Solution During
1951-1966.

JAPANESE, per, Bulletin of the National Institute of
Hygiene Science. Tokyo, Vol 85, 1967, pp 180-183.

ACSI J-8124

ID 2204004970

Sci/B&M
Apr 70

405,639

Agency: IZS

P.O. No.: SA-667-72 \$250

6-15-11-8
27 Nov 72

Title: On the Culture of Imported European
Glass-eels

Author: Hiroshi Hasegawa

Source: Bull. Shimizu Prof. Fish. Exp. Station
(5): 57-66, 1972

Language: Japanese

Special Instructions: Translate and type in
2 cys.; paste in charts and figures.

Methods for the χ Quantitative Determination of Cycasin,
15 pp.
JAPANESE, per, Bulletin Kagoshima Japan University
Faculty Agr., Vol V, 1956, pp 118-126.

NIH 11-28-63

Sci - ~~BI~~ Agriculture
Feb 64

248,6 903

Agency: Ft. Detrick
P. O. No. T-770

R-11207-D
7 Jan.70

Title: Effects of inoculated concentrations of
Xanthomonas oryzae on the size of diseased spots.

Author: Kuhara, S. - Bulletin of the Kyushu Agricultural
Experiment Station 4(1):121-127, 1956

Language: Japanese

TIP

Special Instructions: Please translate and type 1 copy
only.

Chlorine Content in Various Parts of the Tobacco
Plant, by N. Honda.

JAPANESE, per Kyushu Agricultural Research
Bulletin, No 21, 1959, pp 199-200.

CSERO/No. 6341

Sci - Agri
Apr 64

253,2325

R-138-N

On The Blackness of Stack Smoke Plumes, by Miichi
Inoue

JAPANESE. per, Bull Met Soc Japan, Vol VIII, No 6,
June 1961

*JPRS for US Public Health Ser
Robt. A. Taft San Engr Cntr
4676 Columbia Parkway
Cincinnati 26, Ohio

Sci -
Feb 62