

LITERATURE EXCHANGE FROM JAPANESE
AQUACULTURE PANEL, UJNR,
TO THE UNITED STATES PANEL, UJNR
(from August, 1993 to October, 1994)

Hokkaido National Fisheries Research Institute

- 1 **Iizumi, H. and Y. Sakanishi**
1994
Temperature dependence of photosynthesis-irradiation (P - I) relationship of gametophytes of *Laminaria religiosa* Miyabe.
Bull. Hokkaido Natl.Fish. Res. Inst., No. 58: 45 - 51.

- 2 **Minami, T., K., Sawano, T. Nakagawa and K. Watanabe**
1994
Substrata preference by juvenile flounder *Verasper moseri*..
Bull. Hokkaido Natl.Fish. Res. Inst., No. 58: 53 - 60. (in Japanese)

- 3 **Ohkubo, N., S. Watabe, T. Ohshiro, F. Takashima and H. Nakajima**
1993
Subunit structures of multiple hemoglobins in carp.
J. Comp. Physiol. B. 163: 445 - 451.

- 4 **Sawano, K. and T. Minami**
1994
Spawning season of the Pacific Halibut *Hippoglossus stenolepis*, in the regions off eastern Hokkaido, Japan.
Bull. Hokkaido Natl.Fish. Res. Inst., No. 58: 61 - 64. (in Japanese)

Hokkaido Salmon Hatchery

- 5 **Fukuwaka, M. and M. Kaeriyama**
1994
A back-calculation method for estimating individual growth of juvenile chum salmon by scale analysis.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 1 - 9. (in Japanese)

- 6 **Kaeriyama, M.**
1994
Production trend of salmon in Japan.
Gekkan Kaiyo, 26 (8): 466 - 470. (in Japanese)

- 7 **Kaeriyama, M.**
1994
Enhancement program and stock management of salmon in Japan.
Research Journal, 17(2): 16 - 21. (in Japanese)

- 8 **Ohkuma, K.**
1994
Preliminary report on the observation method of water flow in an alevin raceway-modeled aquarium using a flow visualizing technique.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 41 - 44.

- 9 **Nagasawa, K., S. Urawa and V. A. Dubinin**
1994
A parasitological survey of sockeye salmon (*Oncorhynchus nerka*) and Dolly Varden (*Salvelinus malma*) from the Ozemaya River system, Kamchatka.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 17 - 21. (in Japanese)

- 10 **Nomura, T.**
1994
Bacterial disease of freshwater fishes of Hokkaido.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 39 - 46.

- 11 **Nomura, T., M. Yoshimizu and T. Kimura**
1993
An epidemiological study of furunculosis in salmon propagation in Japanese rivers.
Fish. Res., 17: 137 - 146.

- 12 **Nomura, T., M. Yoshimizu, S. Moki and Y. Ezura**
1994
Existence of non-agglutinating *Aeromonas salmonicida* subsp. *salmonicida* in strains isolated from salmonids in Yamagata Prefecture, Japan.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 23 - 29.

- 13 **Suzuki, T., M. Fukuwaka, I. Shimizu, J. Seki, M. Kaeriyama and H. Mayama**
1994
Feeding selectivity of juvenile chum salmon in the Japan Sea coast of northern Honshu.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 11 - 16. (in Japanese)

- 14 **Ueda, H., M. Shimizu, H. Kudo, A. Hara, O. Hiroi, M. Kaeriyama, H. Tanaka, H. Kawamura and K. Yamauchi.**
1994
Species-specificity of an olfactory system-specific protein in various species of teleosts.
Fish. Sci., 60 (2): 239 - 240.

- 15 **Urawa, S. and T. Awakura**
1994
Protozoan diseases of freshwater fishes in Hokkaido.
Sci. Rep. Hokkaido Salmon Hatcher, No. 48: 47 - 58.

- 16 **Urawa, S. and T. Azuma**
1994
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Tech. Rep. Hokkaido Salmon Hatcher, No. 163:49 - 73.
- 17 **Yoshimizu, M., T. Nomura, Y. Ezura and T. Kimura**
1993
Surveillance and control of infectious hematopoietic necrosis virus (IHNV) and *Oncorhynchus masou* virus (OMV) of wild salmonid fish returning to the northern part of Japan.
Fish. Res., 17: 163 - 173.
- 18 **Yoshimizu, M., S. Hyuga, M.-J. Oh, M. Ikoma, T. Kimura, T. Mori, T. Nomura and Y. Ezura**
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Sucticociliata infection of hirame (*Paralictys olivaceus*) - Characteristics, drag sensitivity and pathogenicity of cultured ciliata.
J. Fish Pathol., 6 (2): 205 - 208. (in Japanese)

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- 19 **Inoue, K., M. Yamazaki and H. Kito**
1993
Dispersion of released juvenile halibutids from an artificial reef.
Bull. Seikai Natl. Fish. Res. Inst., No. 71: 1 - 7. (in Japanese)
- 20 **Kawamura, T.**
1994
Taxonomy and ecology of marine benthic diatoms.
Marine Fouling, 10 (2): 7 - 25. (in Japanese)

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Annual growth cycle of the brown alga *Ecklonia kurome* (Laminariaceae, Phaeophyta) off Mugi Coast of Tokushima Prefecture, Japan.
Nippon Suisan Gakkaishi, 60: 365 - 369. (in Japanese)
- 22 **Kurata, K., K. Taniguchi, K. Shiraishi and M. Suzuki**
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J. Chromatogr. Sci., 31: 461 - 464.
- 25 **Taniguchi, K., K. Kurata and M. Suzuki**
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Kagaku to Seibutsu, 32: 434 - 442. (in Japanese)
- 26 **Taniguchi, K., H. Kojima and K. Isogami**
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The growth and maturation of 5 and 6 year-old plants of *Eisenia bicyclis* (Laminariaceae; Phaeophyta).
Nippon Suisan Gakkaishi, 59: 1349 - 1353. (in Japanese)

- 27 **Yamada, H., S. Nagahora, K. Sato, T. Musashi, T. Fujita, A. Nihira,**
1994 **Y.Kageyama, A. Kumagai, D. Kitagawa, Y. Hirota and Y. Yamashita.**
Species composition and distributional pattern of Mysidacea in Pacific Ocean coast of Japan.
Bull. Tohoku Natl. Fish. Res. Inst., No. 56: 57 - 67. (in Japanese)
- 28 **Yamashita, Y., S. Nagahora, H. Yamada and D. Kitagawa**
1994
Effects of release size on survival and growth of Japanese flounder *Paralichthys olivaceus* in coastal waters off Iwate Prefecture, Northeastern Japan.
Mar. Ecol. Prog. Ser., 105: 269 - 276.
- 29 **Yamashita, Y., K. Yamamoto, S. Nagahora, K. Igarashi, Y. Ishikawa,**
1993 **O.Sakuma, H. Yamada and Y. Nakamoto**
Predation by fishes on hatchery-raised Japanese flounder, *Paralichthys olivaceus*, fry in the coastal waters of Iwate Prefecture, northeastern Japan.
Suisanzoshoku, 41: 497 - 505. (in Japanese)
- 30 **Yamazaki, M.**
1993
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- 31 **Yamazaki, M. and S. Kiyomoto**
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Reproductive cycle of the sea urchin *Anthocidaris crassispina* from Hirado Island, Nagasaki Prefecture.
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- 32 **Kimoto, K.**
1993
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Bull. Natl. Res. Inst. Fish. Engineer., No. 14: 51 - 63. (in Japanese)
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1993
Influence on the relation between burrowing behavior and physical environment regarding the distribution of sandy beach bivalves *Meretrix lamarcki* and *Gomphina melanaegis*.
Bull. Natl. Res. Inst. Fish. Engineer., No. 14: 65 - 87. (in Japanese)
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The change of beach profile and the distribution of sandy beach bivalves at Kashima-Nada. I.
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1993
DNA-fingerprinting with non-radioactive probe in a flounder, *Paralichthys olivaceus*.
Bull. Japan Sea Natl. Fish. Res. Inst., No. 43: 117 - 123. (in Japanese)
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Female mate preference and male mating success of ayu fish, *Plecoglossus altivelis* (Osmeridae) under a promiscuous mating system.
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Interparity of female fluviatile form masu salmon, *Oncorhynchus masou* in a river of the southern Sanriku District, Honshu, Japan.
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Feeding habits of young masu salmon, *Oncorhynchus masou* in coastal waters near Oshika Peninsula, Honshu, Japan.
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