INFORMATION

Bibliography of Salmonids published in Japan (17): 2002

Edited by Shigehiko Urawa

Research Division, National Salmon Resources Center
2-2 Nakanoshima, Toyohira-ku, Sapporo 062-0922, Japan
(urawa@salmon.affrc.go.jp)

This current salmonid bibliography, distributed yearly since 1988, covers scientific publications in Japan. The former sixteen issues were published in Technical Reports of Hokkaido Salmon Hatchery (Fish and Eggs), No. 157-163, Scientific Reports of Hokkaido Salmon Hatchery, No. 49-50, and Bulletin of National Salmon Resources Center, No. 1-5. Titles are given in English for all articles. A reprint of article may be available from the author. An author's address is shown in square brackets following the citation. This 17th issue has covered literature published in 2002. The bibliography is divided into the following sections:

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Key words: salmonid fish, bibliography, Japan

Aquaculture and Propagation


Ecology-General


Hatchery, Mashike Research Branch, Hokkaido 077-0216, Japan (ttakami@cocoa.ocn.ne.jp)

Distribution and Migrations


02-006 Analysis of otolith microchemistry of chum salmon, Oncorhynchus keta, collected in Otsuchi Bay, northeastern Japan. Arai, T., and N. Miyazaki. 2002. Otsuchi Marine Sci., 27: 13-16. [Otsuchi Marine Research Center, Ocean Research Institute, University of Tokyo, 2-106-1 Akahama, Otsuchi, Iwate 028-1102, Japan (arai@wakame.or-i.u-tokyo.ac.jp)]


Breeding and Reproduction


Feeding, Diets, and Growth


02-015 Individual growth and phase differentiation of lacustrine masu salmon, Oncorhynchus masou, under
artificial rearing conditions. Tamate, T., and K. Maekawa. 2002. Ichthyol. Res., 49: 397-400. [Laboratory of Conservation Biology, Field Science Center for Northern Biosphere, Hokkaido University, Sapporo 060-0809, Japan (tamate@exfor.agr.hokudai.ac.jp)]

Population and Management


02-018 Population assessment of sockeye salmon Oncorhynchus nerka caught by recreational angling and commercial fishery in Lake Toya, Japan. Matsuishi, T., A. Narita, and H. Ueda. 2002. Fish. Sci., 68: 1205-1211. [Graduate School of Fisheries Science, Hokkaido University, Hakodate, Hokkaido 041-8611, Japan (matsuishi@fish.hokudai.ac.jp)]


Morphology, Taxonomy and Phylogeny


Physiology and Endocrinology


02-023 Effects of Rhizopus extract administration on somatic growth and sexual maturation in lacustrine sockeye salmon Oncorhynchus nerka). Bhandari, R. K., I. Ushikoshi, H. Fukuoka, N. Koide, K. Yamauchi, and H. Ueda. 2002. Fish. Sci., 68: 776-782. [Division of Marine Biosciences, Graduate School of Fisheries Science, Hokkaido University, Hakodate, Hokkaido 041-8611, Japan (hueda@fsc.hokudai.ac.jp)]


02-026 Effects of growth rate and body size in spring season on 0+ smoltification in masu salmon


02-028 Telomerase activity detected in eyed embryos of rainbow trout Oncorhynchus mykiss. Yoda, M., K. G. Takahashi, and K. Mori. 2002. Fish. Sci., 68: 132-137. [Laboratory of Aquacultural Biology, Graduate School of Agricultural Science, Tohoku University, Sendai, Miyagi 981-8555, Japan (waradica@bios.tohoku.ac.jp)]

Biochemistry

02-029 Growth and efficiency of feed usage by Atlantic salmon (Salmo salar) fed diets with different dietary protein: Energy ratios at two feedings levels. Azevedo, P. A., D. P. Bureau, S. Leeson, and C. Y. Cho. 2002. Fish. Sci., 68: 878-888. [Fish Nutrition Research Laboratory, Department of Animal and Poultry Science, University of Guelph, Guelph, Ontario N1G2W1, Canada (pazevedo@uoguelph.ca)]


02-033 Changes of phosphorus absorption from several feed ingredients in rainbow trout during growing stages and effect of extrusion of soybean meal. Satoh, S., M. Takeanawaz, A. Akimoto, V. Kiron, and T. Watanabe. 2002. Fish. Sci., 68: 325-331. [Laboratory of Fish Nutrition, Tokyo University of Fisheries, Minato, Tokyo 108-8477, Japan (ssatoh@tokyo-u-fish.ac.jp)]

02-034 Isolation and characterization of L-rhamnose-binding lectins from chum salmon (Oncorhynchus keta) eggs. Shiina, N., H. Tateno, T. Ogawa, K. Muramoto, M. Saneyoshi, and H. Kamiya. 2002. Fish. Sci., 68: 1352-1366. [K.Muramoto: Department of Biological Resource Sciences, Graduate School of Agricultural Science, Tohoku University, Sendai, Miyagi 981-8555, Japan (muramoto@biochem.tohoku.ac.jp)]

Genetics

02-035 Current status and perspective of molecular cytogenetic studies in fish. Abe, S. 2002. Fish Genet. Breed. Sci., 32: 1-10. In Japanese with English summary. [Laboratory of Breeding Science, Division of Marine Biosciences, Graduate School of Fisheries Sciences, Hokkaido University, 3-1-1 Minato, Hakodate, Hokkaido 041-8611, Japan (abesyu@fish.hokudai.ac.jp)]


02-037 Estimation of heritability of tolerance to low-


**Diseases and Parasites**


02-050 Pathogenicity of Saproleignia species associated with outbreaks of salmonid saprolegniosis in Japan. Hussein, M. M. A., and K. Hatai. 2002. Fish. Sci., 68: 1067-1072. [Division of Fish Diseases, Nippon Veterinary and Animal Science University, Musashino, Tokyo 180-8602, Japan (hatai@scan-net.ne.jp)]


02-055 A single cohort time delay model of the life-cycle of the salmon louse Lepeophtheirus salmonis on Atlantic salmon Salmo salar. Tucker, C. S., R. Norman, A. P. Shinn, J. E. Bron, C. Sommerville, and R. Wootten. 2002. Fish Pathol., 37: 107-118. [Institute of Aquaculture, University of Stirling, Stirling, FK9 4LA, UK (ran@maths.stir.ac.uk)]


Water Quality and Environment


Toxicology


Economy

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