

**Otsuchi Marine Research Center, Ocean Research Institute  
The University of Tokyo**  
**PUBLICATION LIST (2000)**

**東京大学海洋研究所大槌臨海研究センター  
研究業績一覧（2000年）**

リプリントは各著者に請求してください。

Requests for reprints should be directed to individual authors.

821. Aihara, M. and Amemiya S. 2000. Microsurgical operation to induce formation of double adult rudiments in sea urchin larvae. *Invert. Reprod. Dev.* 37: 241–248.
822. Aioi, K., Nakaoka, M., Kouchi, N. and Omori, Y. 2000. A new record of *Zostera asiatica* Miki (Zosteraceae) in Funakoshi Bay, Iwate Prefecture. *Otsuchi Mar. Sci.* 25: 23–26.
823. Amano, M., Ito, H. and Miyazaki, N. 2000. Geographic and temporal comparison of skulls of striped dolphins off the Pacific coast of Japan. *J. Cetacean Res. Manage.* 2: 37–44.
824. Amano, M., Miyazaki, N., and Petrov, E. A. 2000. Age determination and growth of Baikal seals (*Phoca sibirica*) Advances in Ecol. Res. 31: 449–462.
825. Amano, M., Koyama, Y., Petrov, E. A., Hayano, A., and Miyazaki, N. 2000. Morphometric comparison of skulls of seals of the subgenus *Pusa*. In *Lake Baikal*. Minoura, K. (ed.), pp. 315–323. Elsevier Sciences, Amsterdam.
826. Amano, M., Petrov, E. A. and Miyazaki, N. 2000. Age determination and growth of Baikal seals (*Phoca sibirica*). In *Advances in Cologogical Research*, Volume 31: a special thematic volume on Ancient Lakes: biodiversity, ecology and evolution. Rossiter, A. and Kawanabe, H. (eds.), pp. 449–462. Academic Press, London.
827. Amano, M., Marui, M., Guenther, T., Ohizumi, H. and Miyazaki, N. 2000. Re-evaluation of geographic variation in the white flank patch of dalli-type Dall's porpoises. *Mar. Mammal Sci.* 16: 631–636.
828. Arai, T., Limbong, D. and Tsukamoto K. 2000. Validation of otolith daily increments in the tropical eel *Anguilla celebesensis*. *Can. J. Zool.* 78: 1078–1084.
829. Arai, T., Otake, T. and Tsukamoto K. 2000. Timing of metamorphosis and larval segregation of the Atlantic eels, *Anguilla rostrata* and *A. anguilla*, as revealed by otolith microstructure and microchemistry. *Mar. Biol.* 137: 39–45.
830. Chiba, K. 2000. Meiosis reinitiation in starfish oocyte. *Zool. Sci.* 17: 413–417.
831. Hirano, T. and Nishida, H. 2000. Developmental fates of larval tissues after metamorphosis in the ascidian, *Halocynthia roretzi*. II. Origin of endodermal tissues of the juvenile. *Dev. Genes. Evol.* 210: 55–63.
832. Hirose, E. 2001. Acid containers and cellular networks in the ascidian tunic with special remarks on ascidian phylogeny. *Zool. Sci.* 18: 723–731.
833. Hoshi, M., Nishigaki, T., Kawamura, M., Ikeda, M., Gunaratne, J., Ueno, S., Ogiso, M., Moriyama, H. and Matsumoto, M. 2000. Acrosome reaction in starfish: signal molecules in the jelly coat and their receptors. *Zygote* 8: S26–S27.
834. Imai, K., Takada, N., Satoh, N. and Satou, Y. 2000.  $\beta$ -catenin mediates the specification of endoderm cells in ascidian embryos. *Development* 127: 3009–3020.
835. Iwasaka, N., Isozaki, Y., Kuwasima, S., Otobe, H. and Hanawa, K. 2000. Observational study on the downward solar radiation at the sea surface in the Western Pacific. *J. Oceanogr.* 56: 717–726.
836. Kawashima, T., Kawashima, S., Kanehisa, M., Nishida, H. and Makabe, K. W. 2000. MAGEST: Maboya gene expression patterns and expression sequence tags. *Nuc. Acid. Res.* 28: 133–135.
837. Kim, G. J., Yamada, A. and Nishida, H. 2000. An FGF signal from endoderm and localized factors in the posterior-vegetal egg cytoplasm pattern the mesodermal tissues in the ascidian embryo. *Development* 127: 2853–2862.
838. Kouchi, N. and Nakaoka, M. 2000. Distribution of encrusting bryozoa on *Zostera caulescens* in Funakoshi Bay, Japan: effects of seagrass vertical structure on epifauna. *Biol. Mar. Medit.* 7: 247–250.
839. Matsumoto, M., Ikeda, M. and Hoshi, M. 2000. Species-specificity of the acrosome reaction in starfish. *Zygote* 8: S62.
840. Minh, T. B., Watanabe, M., Tanabe, S., Miyazaki, N., Jefferson, T. A., Prudente, M. S., Subramanian, A. and Karuppiah, S. 2000. Widespread contamination by *tris(4-chlorophenyl)methane* and *tris(4-chlorophenyl)methanol* in cetaceans from the North Pacific and Asian coastal waters. *Environ. Pollut.* 110: 459–468.
841. Minh, T. B., Nakata, H., Watanabe, M., Tanabe, S., Miyazaki, N., Jefferson, T. A., Prudente, M. and Subramanian, A. 2000. Isomer-specific accumulation and toxic assessment of polychlorinated biphenyls, including coplanar congeners, in cetaceans from the North Pacific and Asian coastal waters. *Arch. Environ. Contam. Toxicol.* 39: 398–410.

842. Minh, T. B., Pridente, M. S., Watanabe, M., Tanabe, S., Nakata, H., Miyazaki, N., Jefferson, T. A. and Subramanian, A. 2000. Recent contamination of persistent chlorinated endocrine disrupters in cetaceans from the North Pacific and Asian coastal waters. *Water Sci. Technol.* 47: 231–240.
843. Nakaoka, M., Kouchi, N. and Aioi, K. 2000. Growth and shoot dynamics of *Zostera caulescens* Miki in Funakoshi Bay, Japan: how does it maintain high canopy structure? *Biol. Mar. Medit.* 7: 103–106.
844. Nakata, H., Tanabe, S., Iwata, H., Amano, M. and Miyazaki, N. 2000. Contamination of the ecosystems of Lake Baikal by persistent organochlorines. In Lake Baikal. Minoura, K. (ed.), pp. 281–298. Elsevier, Tokyo.
845. Nezuo, M., Shogomori, H., Hoshi, M., Yamamoto, T., Teshima, T., Shiba, T. and Chiba, K. 2000. Developmental changes in localization of the main ganglioside during sea urchin embryogenesis. *Glycobiology* 10: 1243–1247.
846. Nishigaki, T., Chiba, K., and Hoshi, M. 2000. A 130kDa membrane protein of sperm flagella is the receptor for asterosaps, sperm-activating peptides of starfish *Asterias amurensis*. *Dev. Biol.* 219: 154–162.
847. Nomura, M., Inaba, K. and Morisawa, M. 2000. Cyclic AMP- and calmodulin-dependent phosphorylation of 21 and 26kDa proteins in axoneme is a prerequisite for SAAF-induced motility activation in ascidian spermatozoa. *Dev. Growth. Differ.* 42: 129–138.
848. Ohizumi, H., Kuramochi, T., Amano, M., and Miyazaki, N. 2000. Prey switching of Dall's porpoise *Phocoenoides dalli* with population decline of Japanese pilchard *Sardinops melanostictus* around Hokkaido, Japan. *Mar. Ecol. Prog. Ser.* 200: 265–275.
849. Ramaiah, N., Yoshikawa, T. and Furuya, K. 2001. Temporal variations in transparent exopolymer particles (TEP) associated with diatom spring bloom in a subarctic ria in Japan. *Mar. Ecol. Prog. Ser.* 212: 79–88.
850. Takahashi, S., Le, L.T. H., Saeki, H., Nakata, N., Tanabe, S., Miyazaki, N. and Fujise, Y. 2000. Accumulation of butyltin compounds and total tin in marine mammals. *Water Sci. Technol.* 42: 97–108.
851. Tsutsui, S., Furuya, T. and Miyazaki, N. 2000. First record of a minke whale (*Balaenoptera acutorostrata*) in association with a school of Dall's porpoises (*Phocoenoides dalli*) off Muroran, Hokkaido, Japan. *Otsuchi Mar. Sci.* 25: 27–31.
852. Watanabe, S., Hara, M. and Watanabe, Y. 2000. Male internal fertilization and introsperm-like sperm of the seaweed pipefish (*Syngnathus schlegeli*). *Zool. Sci.* 17: 759–767.
853. Tanaka, H., Takagi, Y. and Naito, Y. 2000. Behavioural thermoregulation of chum salmon during homing migration in coastal waters. *J. Exp. Biol.* 203: 1825–1836.
854. 安保綾子・長島秀樹・乙部弘隆. 2000. 大槌湾の水温変動特性. 月刊海洋 32: 824–830.
855. 平譯 享・鈴木光次・岸野元彰・古谷 研・田口 哲・齊藤誠一・才野敏郎. 2000. 植物プランクトン光吸収スペクトル測定法の検討—測定プロトコルの作成—. *Otsuchi Mar. Sci.* 25: 43–47.
856. 岩崎 望. 2001. ワカメに被害をあたえるカイアシ類、アメノフィア・オリエンタリスの生態. 平成12年度持続的養殖業推進対策事業ワカメ養殖業全国推進検討会報告書, 全国漁業協同組合連合会 25–28.
857. 黒住耐二. 2000. 日本における貝類の保全生物学—貝塚の時代から将来へ—月刊海洋 20: 42–56.
858. 黒住耐二. 2000. 有肺亜綱 Pulmonata・他「日本近海産貝類図鑑 Manine Mollusks in Japan」(奥谷喬司, 編) 810–823, 834–845, 862–877, 886–889. 東海大学出版会.
859. 黒住耐二. 1998. 日本における絶滅の危機に瀕する海産貝類. 海洋と生物 20: 21–26.
860. 宮崎信之. 2000. 哺乳綱 千葉県の自然誌 本編 7 千葉県の自然. 財団法人千葉県史料研究財団 723.
861. 宮崎信之. 2000. クジラ目 千葉県の自然誌 本編 7 千葉県の自然. 財団法人千葉県史料研究財団 733–746.
862. 宮崎信之. 2000. バイカル湖に閉じこめられたアザラシの生活とその環境. 遺伝 54: 11–16.
863. 長澤一雄・山田 格・倉持利明・天野雅男・田島木綿子・荻野みちる・進藤順治・新井上巳・大場總. 2000. 山形県において1998–1999年に記録された漂着鯨類. 日本海セトロジー研究. 10: 5–10.
864. 仲岡雅裕. 2000. 海草の花と種子を利用する小型無脊椎動物. うみうし通信 27: 9–11.
865. 乙部弘隆・都木靖彰・安保綾子. 2000. 三陸沿岸へ回帰したサケ *Oncorhynchus keta* の遡上に至るまでの行動と海象・気象との関係. 日本水産学会誌 66: 705–712.
866. 乙部弘隆, 大槻真理子, 盛田孝一, 黒澤正隆, 岩間祐吉, 柏崎恒二, 黒澤政蔵. 2000: 海象・気象観測結果 (1999年版). *Otsuchi Mar. Sci.* 25: 75–89.
867. 猿渡敏郎・大原一郎・James W. Orr・Robert M. McDowall・小林敬典. 2000. mtDNA分析から再構築された低位真硬骨魚類の系統. DNA多型 8: 96–101.
868. 佐々木猛智. 2000. カサガイ目 *Patellogastropoda*・他「日本近海産貝類図鑑 Manine Mollusks in Japan」(奥谷喬司, 編) 24–35, 44–83, 88–101, 210–223. 東海大学出版会.
869. 佐藤矩行. 2000. 進化発生生物学の新展開. 細胞工学 19: 757–766.
870. 佐藤矩行. 2000. 進化発生生物学の誕生—ホヤのゲノム科学が明かす脊索動物の起源. 科学 70: 329–334.
871. 豊原哲彦・河内直子・仲岡雅裕. 2000. 海草藻場における葉上動物の生態. 海洋と生物 22: 557–565.
872. 土田英治・黒住耐二・佐々木猛智. 2000. 岩手県大槌湾とその周辺海域の貝類相 (9) 補遺-1. *Otsuchi Mar. Sci.* 25: 7–22.
873. 土田英治. 2000. イトカケガイ科 *Epitonidae*・他「日本近海産貝類図鑑 Manine Mollusks in Japan」(奥谷喬, 編) 320–343, 522–531, 618–667, 668–685. 東海大学出版会.