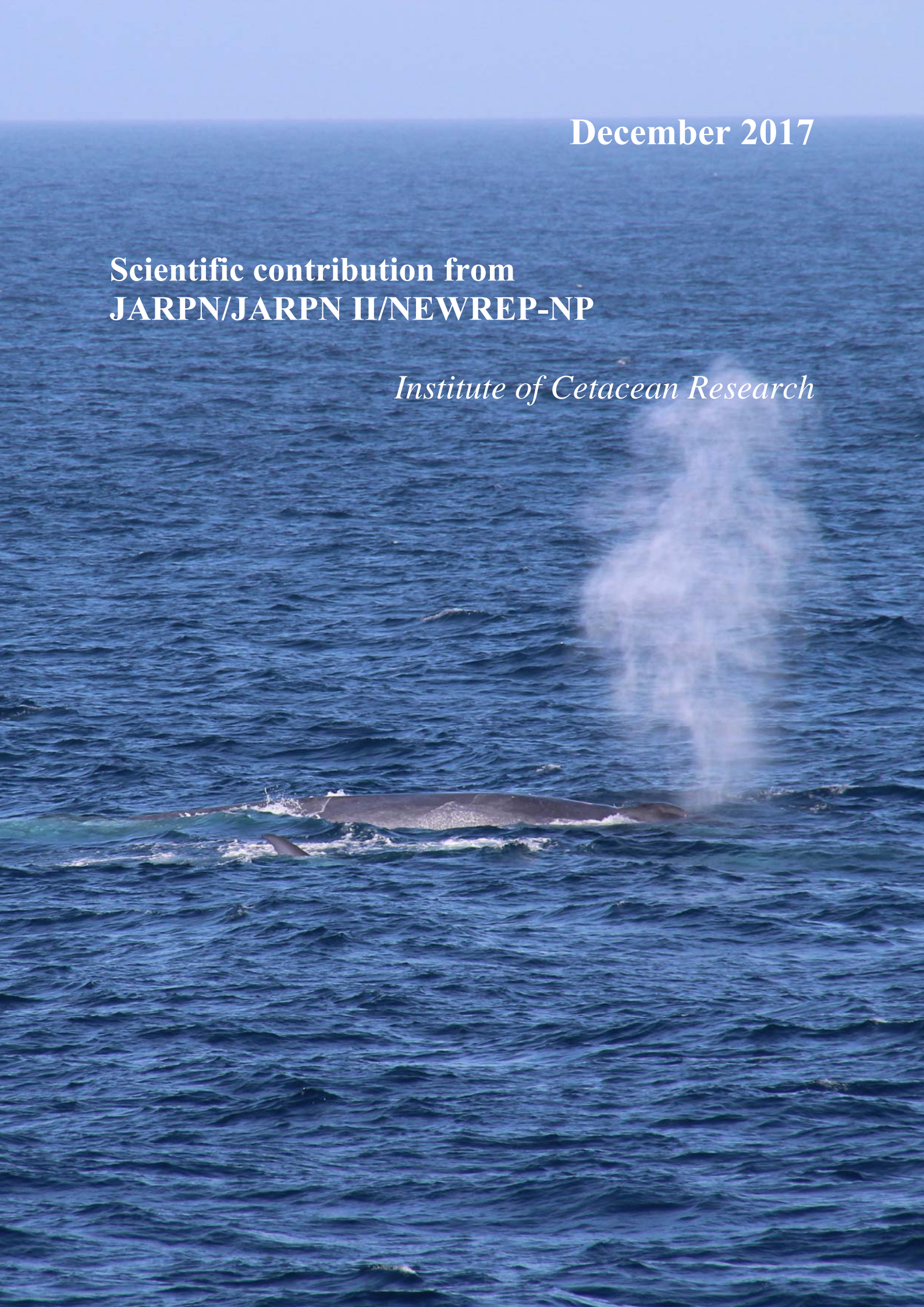


December 2017

Scientific contribution from  
JARPN/JARPN II/NEWREP-NP

*Institute of Cetacean Research*



## Scientific contribution from JARPEN/JARPEN II/NEWREP-NP

*Institute of Cetacean Research, Toyomi-cho 4-5, Chuo-ku, Tokyo 104-0055, Japan*

The Japanese Whale Research Program under Special Permit in the North Pacific (JARPEN) was conducted between 1994 and 1999. The JARPEN had two main objectives: a) determine the stock structure of common minke whale, and in particular to investigate whether or not the “W” stock exists and if so to estimate mixing rates between “O” and “W” stocks, and b) determine the feeding ecology of the common minke whale in the North Pacific.

The International Whaling Commission Scientific Committee (IWC SC) carried out a workshop in February 2000 to review data and results of JARPEN. The report of this workshop can be found in the following web site:

<http://www.icrwhale.org/pdf/workshop.pdf> (final review)

JARPENII started with two feasibility surveys in 2000 and 2001. The first full survey started in 2002. The objectives of the JARPENII are the following: a) feeding ecology and ecosystem studies (prey consumption by cetaceans, prey preference of cetaceans, ecosystem modeling); b) monitoring environmental pollutant in cetaceans and the marine ecosystem (pattern of accumulation of pollutants in cetaceans, bioaccumulation process of pollutants through the food chain, relationships between chemical pollutants and cetacean health), and c) stock structure of large whales (common minke whale, Bryde’s whale, sei whale and sperm whale).

The IWC SC carried out a review workshop of the data and results collected by JARPENII in its first six years (2002-2007) in January 2009. The report of this workshop can be found in the following web site:

<http://www.icrwhale.org/pdf/workshop2.pdf>

The IWC SC carried out a final review workshop of JARPEN II in February 2016. The report of this workshop can be found in the following web site:

<http://www.icrwhale.org/pdf/workshop3.pdf>

Since 2017 Japan started a 12-year long research program called New Scientific Whale Research Program in the western North Pacific (NEWREP-NP), which has two main objectives: a) contribution to optimizing the establishment of a sustainable catch limit for common minke whales in the coastal waters of Japan, and b) contribution to the RMP/IST for North Pacific sei whale.

A mid-term review of NEWREP-NP will be carried out after the first years of surveys are completed.

### **Scientific contribution of JARPEN/JARPENII/NEWREP-NP**

Scientific contribution of JARPEN/JARPENII/NEWREP-NP has been made in different forms, as scientific documents for the IWC/SC meetings and other scientific meeting of intergovernmental organizations, as publications in peer reviewed journals, and as oral presentations at scientific symposiums.

The list of the IWC SC and other meetings documents, and peer-reviewed papers derived from JARPEN/JARPENII/NEWREP-NP is shown in the Appendix 1, by year.

### **University theses**

JARPEN/JARPENII/NEWREP-NP sample/data have been used also in university’s pre-graduate, master and doctoral theses.

### **Other scientific contribution**

JARPEN/JARPENII/NEWREP-NP data/samples have been used also in chapters of books, quarterly bulletin *Geiken Tsushin* and *Suisan Shigen Kanri Danwakaihou*.

JARPN/JARPNII/NEWREP-NP biological material such as whale skeletons has been provided to municipal museums.

**Data access and availability**

All the data and samples obtained by JARPN/JARPN II/NEWREP-NP have been available to the national and international scientific community through established data access protocols. Appendix 2 shows the data access protocol of ICR, which can also be found at the IWC SC web page (<https://iwc.int/data-availability>).

# Appendix 1

List of scientific papers based on data and samples collected by JARPN, JARPN II and NEWREP-NP (peer-reviewed papers and unpublished documents submitted to the IWC/Scientific Committee). Asterisks (\*) indicate those papers published in peer reviewed journals. Note: L-J= document or publication based on lethal sampling by Japanese scientists; L-F= lethal, foreign scientist; NL-J= non-lethal, Japanese scientist; L,NL-J= lethal and non-lethal, Japanese scientist.

Documents or peer-reviewed publications having as a first author a foreign scientist commonly followed a data request or collaboration research agreement with ICR. In a few cases foreign scientists have used published data from JARPN or JARPNII in their analyses and papers, without a formal agreement with ICR. These cases are indicated by a symbol (&).

References for documents presented to the IWC Scientific Committee follow the format/style determined by the Scientific Committee. All these documents are available from the IWC Secretariat upon request. Recent documents are also available at the IWC website (<http://iwc.int/sc-documents>).

## [1994](1)

Hori, H., Bessho, Y., Kawabata, R., Watanabe, I., Koga, A. and Pastene, L.A. 1994. World-wide population structure of minke whales deduced from mitochondrial DNA control region sequences. Paper SC/46/SH14 presented to the IWC Scientific Committee, May 1994 (unpublished). 11pp. L-J

## [1995](5)

Fujise, Y. 1995. Preliminary analysis of heavy metals and organochlorines in minke whales taken from the coastal Japan (sub-area 7) and offshore area (sub-area 9) in the western North Pacific. Paper SC/47/NP5 presented to the IWC Scientific Committee, May 1995 (unpublished). 9pp. L-J

Fujise, Y. and Kato, H. 1995. Preliminary report of morphological differences of minke whales between coastal Japan (sub-area 7) and offshore area (sub-area 9) of western North Pacific. Paper SC/47/NP6 presented to the IWC Scientific Committee, May 1995 (unpublished). 9pp. L-J

Fujise, Y., Kishiro, T., Zenitani, R., Matsuoka, K., Kawasaki, M. and Shimamoto, K. 1995. Cruise report of the Japanese Whale Research Program under a Special Permit for North Pacific Minke Whales in 1994. Paper SC/47/NP3 presented to the IWC Scientific Committee, May 1995 (unpublished). 29pp. L,NL-J

Goto, M. and Pastene, L.A. 1995. Populations differentiation in the western North Pacific minke whale as revealed by RFLP analysis of mitochondrial D-loop DNA. Paper SC/47/NP4 presented to the IWC Scientific Committee, May 1995 (unpublished). 15pp. L-J

Wada, S. 1995. Comparison of allele frequencies between minke whale samples from Japanese coastal waters and pelagic waters (subarea 9). Paper SC/47/NP7 presented to the IWC Scientific Committee, May 1995 (unpublished). 4pp. L-J

## [1996](10)

Aono, S., Tanabe, S., Fujise, Y. and Tatsukawa, R. 1996. Specific accumulation of persistent organochlorines in minke whale (*Balaenoptera acutorostrata*) and their prey species from the Antarctic and the North Pacific. Paper SC/48/O22 presented to the IWC Scientific Committee, June 1996 (unpublished). 10pp. L-J

\*Butterworth, D.S., Geromont H.F. and Wada S. 1996. Further analysis of allele frequency data to provide estimates of the extent of mixing between the various North Pacific minke whale stocks, and their implications for the status of the "O" stock. *Rep. int. Whal. Commn* 46: 443-451. L-F

Fujise, Y. 1996. Heavy metal concentrations in minke whales from the Pacific coast of Japan and an offshore area in the western North Pacific. Paper SC/48/NP22 presented to the IWC Scientific Committee, June 1996 (unpublished). 7pp. L-J

Fujise, Y. and Kato, H. 1996. Some Morphological Aspects of the Western North Pacific Minke Whales: Preliminary Analyses of Materials from the JARPN Surveys in 1994-5. Paper SC/48/NP11 presented to the IWC Scientific Committee, June 1996 (unpublished). 10pp. L-J

Fujise, Y., Iwasaki, T., Zenitani, R., Araki, J., Matsuoaka, K., Tamura, T., Aono, S., Yoshida, T., Hidaka, H., Nibe, T. and Tohyama, D. 1996. Cruise report of the Japanese Whale Research Program under a Special Permit for North Pacific minke whales in 1995 with the results of a preliminary analysis of data collected. Paper SC/48/NP13 presented to the IWC Scientific Committee, June 1996 (unpublished). 39pp. L,NL-J

Iwasaki, T. 1996. Constituents of the urine in the North Pacific minke whales with some notes on urinary concentrations of sex steroid hormones. Paper SC/48/NP14 presented to the IWC Scientific Committee, June 1996 (unpublished). 9pp. L-J

\*Kuramochi, T., Machida, M., Araki, J., Uchida, A., Kishiro, T. and Nagasawa, K. 1996. Minke whales (*Balaenoptera acutorostrata*) are one of the major final hosts of *Anisakis simplex* (Nematoda: Anisakidae) in the Northwestern North Pacific Ocean. *Rep. int. Whal. Commn* 46: 415-419. L-J

Miyashita, T. and Fujise, Y. 1996. Abundance estimate of the western North Pacific minke whale using sighting data of the Japanese Whale Program under a Special Permit in sub-area 9 and notes on the results of dedicated sighting surveys. Paper SC/48/NP7 presented to the IWC Scientific Committee, June 1996 (unpublished). 10pp. NL-J

\*Miyashita, T. and Fujise, Y. 1996. Abundance estimate of the western North Pacific minke whale in sub-area 9 with notes on the results of dedicated surveys. *Rep. int. Whal. Commn* 47: 543-551. NL-J

Wada, S. 1996. Results of allozyme analysis on minke whale samples from JARPN in 1995. Paper SC/48/NP21 presented to the IWC Scientific Committee, June 1996 (unpublished). 4pp. L-J

#### [1997](11)

Abe, H., Goto, M., Palsbøll, P.J. and Pastene, L.A. 1997. Preliminary microsatellite analyses of western North Pacific minke whales, *Balaenoptera acutorostrata*. Paper SC/49/NP12 presented to the IWC Scientific Committee, September 1997 (unpublished). 11pp. L-J

\*Aono, S., Tanabe, S., Fujise, Y., Kato, H. and Tatsukawa, R. 1997. Persistent organochlorines in minke whale (*Balaenoptera acutorostrata*) and their prey species from the Antarctic and the North Pacific. *Environmental Pollution* 98: 81-89. L-J

\*Araki, J., Kuramochi, T., Machida, M., Nagasawa, K., and Uchida, A. 1997. A note on the parasite fauna of the western North Pacific minke whale (*Balaenoptera acutorostrata*). *Rep. int. Whal. Commn* 47: 565-567. L-J

Fujise, Y., Shimada, H., Zenitani, R., Goto, M., Tamura, T., Lindstrøm, U., Uchida, A., Yoshida, H., Shimamoto, K., Yuzu, S., Kasai, H., Kinoshita, T., Iwata, T. and Toyama, D. 1997. Cruise report of the Japanese Whale Research Program under a Special Permit in the North Pacific (JARPN) in 1996 with some preliminary analyses of data collected during the 1994-1996 JARPN surveys. Paper SC/49/NP8 presented to the IWC Scientific Committee, September 1997 (unpublished). 38pp. L,NL-J

\*Goto, M. and Pastene, L.A. 1997. Population structure of western North Pacific minke whale based on an RFLP analysis of mtDNA control region. *Rep. int. Whal. Commn* 47: 531-537. L-J

Goto, M. and Pastene, L.A. 1997. RFLP analysis of the mitochondrial DNA control region in minke whales sampled during the 1996 JARPN. Paper SC/49/NP10 presented to the IWC Scientific Committee, September 1997 (unpublished). 10pp. L-J

\*Hatanaka, H. and Miyashita, T. 1997. On the feeding migration of the Okhotsk Sea-West Pacific stock of minke whales, estimates based on length composition data. *Rep. int. Whal. Commn* 47: 557-564. L-J

\*Hatanaka, H. 1997. A short review of hypotheses on minke whale stock structure in the Northwestern part of the North Pacific. *Rep. int. Whal. Commn* 47: 553-555.

Ishikawa, H., Yuzu, S., Shimamoto, K., Bando, T., Ohshima, K., Kasai, H., Kinoshita, T., Mizushima, Y., Iwakami, H., Nibe, T., Hosoyama, T., Kuramochi, T., Numano, K. and Miyamoto, M. 1997. Cruise report of the Japanese Whale Research Program under a Special Permit in the North Pacific (JARPN) in 1997. Paper SC/49/NP9 presented to the IWC Scientific Committee, September 1997 (unpublished). 28pp. [L,NL-J](#)

\*Pastene, L.A., Goto, M., Itoh, S., Wada, S. and Kato, H. 1997. Intra- and Inter-Oceanic Patterns of Mitochondrial DNA Variation in the Bryde's Whale, *Balaenoptera edeni*. *Rep. int. Whal. Commn* 47: 569-574. [L-J](#)

Wada, S. 1997. Results of allozyme analysis on minke whale samples from JARPN in 1996. Paper SC/49/NP14 presented to the IWC Scientific Committee, September 1997 (unpublished). 2pp. [L-J](#)

#### [1998](7)

Abe, H., Goto, M. and Pastene, L.A. 1998. Further microsatellite analysis in the western North Pacific minke whales, *Balaenoptera acutorostrata*. Paper SC/50/RMP8 presented to the IWC Scientific Committee, April 1998 (unpublished). 10pp. [L-J](#)

Fujise, Y., Zenitani, R. and Kato, H. 1998. An examination of the W-stock hypothesis for North Pacific minke whales, with special reference to some biological parameters using data collected from JARPN surveys from 1994 to 1997. Paper SC/50/RMP12 presented to the IWC Scientific Committee, April 1998 (unpublished). 14pp. [L-J](#)

Goto, M. and Pastene, L.A. 1998. Population structure in the North Pacific minke whale as revealed by RFLP and sequencing analyses of the mtDNA control region. Paper SC/50/RMP7 presented to the IWC Scientific Committee, April 1998 (unpublished). 15pp. [L-J](#)

\*Lindstrøm, U., Fujise, Y., Haug, T. and Tamura, T. 1998. Feeding habits of western North Pacific minke whales, *Balaenoptera acutorostrata*, as observed in July-September 1996. *Rep. int. Whal. Commn* 48: 463-469. [L-F](#)

\*Pastene, L.A., Goto, M. and Kishino, H. 1998. An estimate of mixing proportion of 'J' and 'O' stocks minke whales in sub-area 11 based on mitochondrial DNA haplotype data. *Rep. int. Whal. Commn* 48: 471-474. [L-J](#)

\*Tamura, T., Fujise, Y. and Shimazaki, K. 1998. Diet of minke whales *Balaenoptera acutorostrata* in the Northwestern part of the North Pacific in summer 1994 and 1995. *Fish Sci* 64 (1): 71-76. [L-J](#)

\*Uchida, A., Kawakami, Y., Yuzu, S., Kishikawa, S., Kuramochi, T., Araki, J., Machida, M. and Nagasawa, K. 1998. Prevalence of parasites and histopathology of parasitisation in minke whales (*Balaenoptera acutorostrata*) from the western North Pacific Ocean and Southern Sea of Okhotsk. *Rep. int. Whal. Commn* 48: 475-479. [L-J](#)

#### [1999](5)

Goto, M. and Pastene, L.A. 1999. Genetic population structure in the western North Pacific minke whale examined by mtDNA control region sequencing analysis. Paper SC/51/RMP8 presented to the IWC Scientific Committee, May 1999 (unpublished). 12pp. [L-J](#)

\*Le, T.H.L., Takahashi, S., Saeki, K., Nakatani, N., Tanabe, S., Miyazaki, N. and Fujise, Y. 1999. High percentage of butyltin residues in total tin in the livers of cetaceans from Japanese coastal waters. *Environmental Science & Technology* 33(11): 1781-1786. [L-F](#)

\*Martinez, I. and Pastene, L.A. 1999. RAPD-typing of Central and Eastern North Atlantic and Western North Pacific minke whales, *Balaenoptera acutorostrata*. *ICES Journal of Marine Science* 56:640-651. [L-F](#)

Pastene, L.A., Goto, M. and Fujise Y. 1999. Review of the studies on stock identity in the minke whale *Balaenoptera acutorostrata* from the North Pacific. Paper SC/51/RMP15 presented to the IWC Scientific Committee, May 1999 (unpublished). 28pp.

Zenitani, R., Fujise, Y., Matsuoka, K., Tamura, T., Bando, T., Ichihashi, H., Shimokawa, T., Krasnenko, A.S., Taguchi F., Kinoshita, T., Mori, M., Watanabe, M., Ichinomiya, D., Nakamura, M., Sakai, K., Matsuzaka, K.,

Kamei, H. and Tohyama, D. 1999. Cruise report of the Japanese Whale Research Program under a Special Permit in the North Pacific in 1998. Paper SC/51/RMP7 presented to the IWC Scientific Committee, May 1999 (unpublished). 20pp. [L,NL-J](#)

**[2000](42)**

Abe, H., Goto, M. and Pastene, L.A. 2000. Population structure in the western North Pacific minke whale inferred from microsatellite analysis. Paper SC/F2K/J10 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 14pp. [L-J](#)

Fujise, Y., Hakamada, T., Aoki, M., Niimi, S., Nakata, H., Honda, K. and Tanabe, S. 2000. An attempt to identify stocks in the western North Pacific minke whale (*Balaenoptera acutorostrata*) using the accumulation levels of heavy metals and organochlorines as ecological tracers. Paper SC/F2K/J18 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 18pp. [L-J](#)

Fujise, Y. 2000. Outline of the research activities of the Japanese Whale Research Program under Special Permit in the North Pacific (JARPN) from 1994 to 1999. Paper SC/F2K/J8 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 30pp.

Fujise, Y., Zenitani, R., Tamura, T., Bando, T., Ohtani, S., Takeda, S., Kitajima, A., Kimura, T., Masaki, T. and Tohyama, D. 2000. Cruise Report of the Japanese Whale Research Program under Special Permit in the North Pacific (JARPN) in 1999. Paper SC/F2K/J9 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 32pp. [L,NL-J](#)

Goto, M. and Pastene, L.A. 2000. Population structure in the western North Pacific minke whale based on RFLP and sequencing analyses of mtDNA control region, using data from the 1994-1999 JARPN surveys. Paper SC/F2K/J11 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 15pp. + Appendix 1pp. [L-J](#)

Goto, M., Abe, H. and Pastene, L.A. 2000. Estimation of the mixing proportion of the 'J' and 'O' stocks in sub-area 11 using uni- and bi-parental genetic markers. Paper SC/F2K/J27 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 10pp. + Appendix 8pp. [L-J](#)

Goto, M., Abe, H. and Pastene, L.A. 2000. Additional analyses of mtDNA control region sequences in the western North Pacific minke whales using JARPN samples. Paper SC/F2K/J32 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 5pp. [L-J](#)

Goto, M., Kim, Z.G., Abe, H. and Pastene, L.A. 2000. A note on the possibility of identifying individual J stock animals from a mixed assemblage based on mitochondrial DNA analysis. Paper SC/F2K/J28 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 9pp. [L-J](#)

Goto, M. and Pastene, L.A. 2000. Re-estimation of the mixing proportion of the 'J' and 'O' stocks using alternative stratification. Paper SC/52/RMP6 presented to the IWC Scientific Committee, June 2000 (unpublished). 9pp. [L-J](#)

Goto, M. and Pastene, L.A. 2000. A note on additional mtDNA analysis on western North Pacific minke whale using JARPN samples. Paper SC/52/RMP7 presented to the IWC Scientific Committee, June 2000 (unpublished). 12pp. [L-J](#)

Hakamada, T. and Fujise, Y. 2000. Preliminary examination of the heterogeneity of external measurements of minke whales in the western part of the North Pacific, using data collected during 1994-1999 JARPN surveys. Paper SC/F2K/J15 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 12pp. [L-J](#)

Hakamada, T. and Fujise, Y. 2000. Further examination of morphological heterogeneity in North Pacific minke whales collected during the JARPN surveys. Paper SC/52/RMP16 presented to the IWC Scientific Committee, June 2000 (unpublished). 5pp. L-J

Hatanaka, H. 2000. Comprehensive summary on W stock hypothesis of minke whale through JARPN program. Paper SC/F2K/J21 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 8pp.

Kuramochi, T., Araki, J., Uchida, A., Moriyama, N., Takeda, Y., Hayashi, N., Wakao, H., Machida, M. and Nagasawa, K. 2000. Summary of parasite and epizoot investigations during JARPN surveys 1994-1999, with reference to stock structure analysis for the western North Pacific minke whales. Paper SC/F2K/J19 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 22pp. L-J

Martien, K.K. and Taylor, B.L. 2000. The limitations of hypothesis testing as a means of demographically delineating independent units. Paper SC/F2K/J3 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 32pp.

Matsuoka, K., Hakamada, T., Fujise, Y. and Miyashita, T. 2000. Distribution pattern of minke whales based on sighting data during the JARPN 1994-1999. Paper SC/F2K/J16 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 17pp. NL-J

Mitani, Y., Bando, T., Takai, N. and Sakamoto, W. 2000. Diet records and stock structure of minke whales *Balaenoptera acutorostrata* around Japan examined by d13 C and d15 N analyses. Paper SC/F2K/J20 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 12pp. L-J

Nakata, H., Tanabe, S., Niimi, S., Minh, T.B., Sakakibara, A., Fujita, K. and Fujise, Y. 2000. Population structure in minke whale from the North Pacific examined by the persistent organic pollutants as chemical tracers. Paper SC/F2K/J17 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 9pp. L-J

Nishiwaki, S. 2000. Performance of biopsy skin sampling for minke whales during the JARPN and JARPA surveys using ICR air gun. Paper SC/52/O5 presented to the IWC Scientific Committee, June 2000 (unpublished). 8pp. NL-J

Ohsumi, S., Hatanaka, H. and Fujise, Y. 2000. Review on the objectives of Japanese Whale Research Program under Special Permit in the north-western North Pacific (JARPN). Paper SC/F2K/J29 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 7pp.

Okamura, H., Matsuoka, K., Hakamada, T., Okazaki, M. and Miyashita, T. 2000. The GAM-based analyses on the density index of minke whales in the JARPN survey. Paper SC/52/RMP3 presented to the IWC Scientific Committee, June 2000 (unpublished). 10pp. NL-J

Okamura, H., Zenitani, R., Hiramatsu, K. and Kato, H. 2000. Some analyses on the possibility of the existence of W-stock minke whale in sub-area 9 using the information on conception dates. Paper SC/F2K/J14 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 9pp. L-J

Okamura, H. and Goto, M. 2000. The statistical power of the hypothesis testing for the elucidation of genetic population structure in the North Pacific minke whales using allele frequency data. Paper SC/F2K/J30 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 7pp. L-J

Pastene, L.A., Goto, M. and Fujise, Y. 2000. Review of the studies on stock identity in the minke whale *Balaenoptera acutorostrata* from the North Pacific. Paper SC/F2K/J1 presented to the Workshop to Review the



Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 22pp. + Appendix 4pp.

Punt, A.E., Butterworth, D.S. and Wada, S. 2000. On the use of allele frequency data within a Bayesian framework to evaluate the relative probabilities of alternative stock structure hypotheses for the North Pacific minke whales. Paper SC/F2K/J2 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 12pp. L-F

\*Punt, A.E., Butterworth, D.S. and Wada, S. 2000. On the use of allele frequency data within a Bayesian framework: evaluation of relative probabilities of alternative stock structure hypotheses for North Pacific minke whales. *J. Cetacean Res. Manage.* 2 (2): 151-158. L-F

Taylor, B.L. and Chivers, S.J. 2000. Evaluating the performance of different statistics to detect population subdivision. Paper SC/F2K/J5 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 10pp.

Taylor, B.L. 2000. Genetic population structure in the western North Pacific minke whale: an analysis of mtDNA data. Paper SC/F2K/J6 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 4pp. L-F

Taylor, B.L. and Chivers, S.J. 2000. An example of the calculation of the statistical power to detect population sub-division in North Pacific minke whales. Paper SC/F2K/J7 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 12pp. L-F

Taylor, L.B. 2000. Relating stock depletion to dispersal: The western North Pacific minke whale example. Paper SC/52/SD10 presented to the IWC Scientific Committee, June 2000 (unpublished). 5pp. L-F

Taylor, B.L., Chivers, S.J. and Dizon, A.E. 2000. Estimating the statistical power to detect population subdivision using mitochondrial DNA. Paper SC/F2K/J4 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 13pp.

Tamura, T. and Fujise, Y. 2000. Geographical and seasonal changes of prey species in the western North Pacific minke whale. Paper SC/F2K/J22 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 26pp. L-J

Tamura, T. and Fujise, Y. 2000. Diurnal change in feeding activity in the western North Pacific minke whale. Paper SC/F2K/J23 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 16pp. L-J

Tamura, T. and Fujise, Y. 2000. Daily and seasonal food consumption by the western North Pacific minke whale. Paper SC/F2K/J24 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 18pp. L-J

Tamura, T. and Fujise, Y. 2000. Brief review of the studies of feeding ecology in the minke whale *Balaenoptera acutorostrata* from the western North Pacific prior to JARPN surveys. Paper SC/F2K/J31 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 6pp.

Tamura, T., Ohsumi, S. and Fujise Y. 2000. Some examinations on body fatness of the western North Pacific minke whales. Paper SC/F2K/J25 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 20pp. L-J

Tamura, T. and Ohsumi, S. 2000. Regional assessments of prey consumption by marine cetaceans in the world. Paper SC/52/E6 presented to the IWC Scientific Committee, June 2000 (unpublished). 42pp. L-J

\*Uchida, A. and Araki, J. 2000. The ectoparasites and endoparasites in the minke whale, *Balaenoptera acutorostrata* from the western North Pacific Ocean. *J. Jpn. Vet. Med. Assoc.* 53 (2): 85-88 (in Japanese). L-J

Wada, S. 2000. Stock structure of the western North Pacific minke whales based on the allozyme analyses. Paper SC/F2K/J12 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 4pp. L-J

Watanabe, T., Matsuoka, K., Tamura, T. and Fujise Y. 2000. Oceanographic conditions of the western subarctic gyre region based on oceanographic data during the JARPN 1994-1999. Paper SC/F2K/J26 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 18pp. NL-J

Zenitani, R., Kato, H and Fujise, Y. 2000. Some analyses on biological parameters of western North Pacific minke whales, from a view point of stock identification. Paper SC/F2K/J13 presented to the Workshop to Review the Japanese Whale Research Programme under Special Permit for North Pacific Minke Whales (JARPN), February 2000 (unpublished). 18pp. L-J

Zenitani, R., Fujise, Y., Okamura, H. and Kato, H. 2000. Further examination of the distribution of western North Pacific minke whales applying a logistic regression analysis for reproductive data collected by the JARPN surveys. Paper SC/52/RMP17 presented to the IWC Scientific Committee, June 2000 (unpublished). 8pp. L-J

#### [2001](7)

Cui, G., Punt, A.E., Pastene, L.A. and Goto, M. 2001. A Bayesian approach to addressing stock structure questions using mtDNA data, with an illustrative application to the North Pacific minke whales. Paper SC/53/RMP1 presented to the IWC Scientific Committee, July 2001 (unpublished). 19pp. L-F

Fujise, Y., Zenitani, R. and Goto, M. 2001. Utility of non-genetic information for stock identification - The case of the western North Pacific minke whale -. Paper SC/53/SD5 presented to the IWC Scientific Committee, July 2001 (unpublished). 9pp. L-J

Fujise, Y., Pastene, L.A., Tamura, T., Bando, T., Murase, H., Kawahara, S., Watanabe, H., Ohizumi, H., Mogoe, T., Kiwada, H., Nemoto, K. and Narita, H. 2001. Progress report of the feasibility study of the Japanese Whale Research Program under Special Permit in the western North Pacific - Phase II (JARPN II) in 2000. Paper SC/53/O10 presented to the IWC Scientific Committee, July 2001 (unpublished). 77pp.

Goto, M., Kanda, N. and Pastene, L.A. 2001. Genetic examination of western North Pacific minke whales including samples from JARPN II. Paper SC/53/RMP11 presented to the IWC Scientific Committee, July 2001 (unpublished). 11pp. L-J

Goto, M., Kim, Z.G. and Pastene, L.A. 2001. Genetic analysis of additional samples from the 'J' stock and implications for the estimation of mixing proportion of 'J' and 'O' stocks in sub-area 11. Paper SC/53/RMP12 presented to the IWC Scientific Committee, July 2001 (unpublished). 12pp. L-J

\*Okamura, H., Matsuoka, K., Hakamada, T., Okazaki, M. and Miyashita, T. 2001. Spatial and temporal structure of the western North Pacific minke whale distribution inferred from JARPN sightings data. *J. Cetacean Res. Manage.* 3 (2): 193-200. NL-J

Pastene, L.A., Goto, M. and Kanda, N. 2001. Comments on the estimations of the J and O stocks mixing proportion and level of by-catches of common minke whale using mitochondrial DNA data from the retail market surveys. Paper SC/53/RMP13 presented to the IWC Scientific Committee, July 2001 (unpublished). 13pp. + Revised version (Table 3).

#### [2002](17)

\*Abe, H. and Goto, M. 2002. The Application of Microsatellite DNA for Determining Population Structure of Minke Whale. pp. 109-113. In: Nishimura, A. ed. *Technical Reports of the Hokkaido National Fisheries Research Institute No.5.* pp.113. Hokkaido National Fisheries research Institute, Hokkaido. L-J

Cui, G., Punt, A., Pastene, L.A. and Goto, M. 2002. Bayes and Empirical Bayes Approaches to Addressing Stock Structure Questions using mtDNA data, with an Illustrative Application to the North Pacific Minke Whales.

Paper SC/JO2/NP4 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 13pp. + Appendix 1pp. L-F

\*Cui, G., Punt, A. E., Pastene, L. A., and Goto, M. 2002. Bayes and Empirical Bayes approaches to addressing stock structure questions using mtDNA data, with an illustrative application to North Pacific minke whales. *J. Cetacean Res. Manage.* 4 (2): 123-134. L-F

Fujise, Y., Tamura, T., Bando, T., Watanabe, H., Kiwada, H., Otani, S., Kanda, N., Yasunaga, G., Mogoe, T., Konishi, K., Inamori, M., Shigemune, H. and Tohyama, D. 2002. Cruise report of the Feasibility Study of the Japanese Whale Research program under Special Permit in the western North Pacific-Phase II (JARPN II) in 2001. Paper SC/54/O16 presented to the IWC Scientific Committee, May 2002 (unpublished). 51pp. L,NL-J

Goto, M. and Pastene, L.A. 2002. Re-estimations of the mixing proportion of O and J Stocks in sub-areas 2, 11 and 7 following the guidelines offered in Appendix 15 of Annex D (RMP Sub-Committee Report). Paper SC/JO2/NP9 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 3pp. L-J

Goto, M., Kanda, N. and Pastene, L.A. 2002. Further mtDNA analysis on North Pacific minke whales including JARPN and JARPN II samples from 1994 to 2001. Paper SC/JO2/NP10 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 9pp. L-J

Goto, M., Kanda, N. and Pastene, L.A. 2002. An additional genetic analysis to investigate the plausibility of different stock scenarios in North Pacific minke whale IST. Paper SC/54/RMP15 presented to the IWC Scientific Committee, May 2002 (unpublished). 8pp. L-J

Government of Japan (Edited by Fujise, Y., Kawahara, S., Pastene, L.A. and Hatanaka, H.). 2002. Report of 2000 and 2001 feasibility study of the Japanese Whale Research Program under Special Permit in the western North Pacific-Phase II (JARPN II). Paper SC/54/O17 presented to the IWC Scientific Committee, May 2002 (unpublished). 202pp. L,NL-J

Kanda, N., Goto, M. and Pastene, L.A. 2002. Further microsatellite analysis on North Pacific minke whales including JARPN and JARPN II samples from 1994 to 2001. Paper SC/JO2/NP11 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 4pp. L-J

Kanda, N., Goto, M. and Pastene, L.A. 2002. Considerations on stock structure of minke whales in western North Pacific. Paper SC/54/SD3 presented to the IWC Scientific Committee, May 2002 (unpublished). 3pp.

Miyashita, T., Matsuoka, K., Nishiwaki, S. and Hakamada, T. 2002. Information on track line and sightings of common minke whales during the recent JARPN/JARPN II. Paper SC/54/RMP11 presented to the IWC Scientific Committee, May 2002 (unpublished). 4pp. NL-J

\*Ohsumi, S. and Tamura, T. 2002. Dietary studies on baleen whales in the North Pacific. *Fish Sci* 68 (Supp. I): 260-263. L-J

Pastene, L.A., Goto, M. and Kanda, N. 2002. Proposal on an update to the defaults on stock structure in section 3 of Appendix 15 of Annex D (RMP Sub-Committee Report). Paper SC/JO2/NP7 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 2pp.

Pastene, L.A. Goto, M. and Kanda, N. 2002. Scientific background supporting the stock scenarios proposed in SC/JO2/NP7. Paper SC/JO2/NP8 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 2pp.

\*Pastene, L.A., Goto, M. and Kanda, N. 2002. The utility of DNA analysis for the management and conservation of large whales. *Fish Sci* 68 (Supp. I): 286-289. L-J

\*Tamura T. and Fujise Y. 2002. Geographical and seasonal changes of the prey species of minke whale in the Northwestern Pacific. *ICES Journal of Marine Science* 59(3): 516-528. L-J

Zenitani, R., Fujise, Y., Kawahara, S. and Kato, H. 2002. Examination of the distribution and reproductive status of western North Pacific minke whales collected in sub-areas 7, 8 and 9 during JARPN and JARPN II from 1994

to 2001. Paper SC/JO2/NP12 presented to the IWC/SC North Pacific minke whale RMP/IST meeting, January 2002 (unpublished). 9pp. [L-J](#)

### [2003](11)

Fujise, Y., Tamura, T., Bando, T., Yasunaga, G., Konishi, K., Murase, H., Yoshida, T., Ito, S., Ogawa, R., Oka, T., Sasaki, T., Fukutome, K., Isoda, T., Birukawa, N., Horii, N., Zharikov, K.A., Park, K.J., Tohyama, D. and Kawahara, S. 2003. Cruise Report of the Japanese Whale Research Program under Special Permit in the western North Pacific-Phase II (JARPN II) in 2002 (part I) - Offshore component -. Paper SC/55/O7 presented to the IWC Scientific Committee, May 2003 (unpublished). 41pp. [L,NL-J](#)

Goto, M., Berube, M., Kanda, N., Ishikawa, H., Nishiwaki, S. and Pastene, L.A. 2003. Phylogenetic analysis of fin whale mtDNA control region sequences world-wide. Paper SC/55/SD6 presented to the IWC Scientific Committee, May 2003 (unpublished). 8pp. [NL-J](#)

\*Hayashi, K., Nishida, S., Yoshida, H., Goto, M., Pastene, L.A. and Koike, H. 2003. Sequence variation of the *DQB* allele in the cetacean MHC. *Mammal Study* 28: 89-96. [L,NL-J](#)

Kishiro, T., Kato, H., Ohizumi, H., Yoshida, H., Saito, T., Isoda, T., Tabata, S., Sakakibara, M., Saino, S., Hara, T., Hayashi, T., Miyashita, T., Fukutome, K., Kiwada, H. and Kawahara, S. 2003. Report of the 2002 JARPN II survey in the western North Pacific. Part II: Coastal component – Coastal Survey off Kushiro, northeast Japan. Paper SC/55/O8 presented to the IWC Scientific Committee, May 2003 (unpublished). 26pp. [L,NL-J](#)

Nikaido, M., Goto, M., Kanda, N., Pastene, L.A. and Okada, N. 2003. A new SINE procedure for species identification of baleen whales. Paper SC/55/SD7 presented to the IWC Scientific Committee, May 2003 (unpublished). 6pp. [L,NL-J](#)

\*Nishida, S., Pastene, L.A., Goto, M. and Kanda, N. 2003. *SRY* gene structure and phylogeny in the cetacean species. *Mammal Study* 28 (1): 57-66. [L,NL-J](#)

\*Nishida, S., Hayashi, K., Pastene, L.A., Goto, M., Kanda, N. and Koike, H. 2003. Polymorphic analysis of cetacean MHC - A case study on the minke whales -. *Mammalian Science* 3: 75-78 (in Japanese). [L,NL-J](#)

\*Ohishi, K., Zenitani, R., Bando, T., Goto, Y., Uchida, K., Maruyama, T., Yamamoto, S., Miyazaki, N. and Fujise, Y. 2003. Pathological and serological evidence of Brucella-infection in baleen whales (Mysticeti) in the western North Pacific. *Comp. Immun. Microbiol. Infect. Dis.* 26 (2): 125-136. [L-J](#)

Okamura, H., Goto, M., Kitakado, T., Kanda, N. and Pastene, L.A. 2003. Investigation of the plausibility of western North Pacific minke whale IST's baseline stock scenario D based on mixing rate estimates from mtDNA data. Paper SC/55/IST3 presented to the IWC Scientific Committee, May 2003 (unpublished). 4pp. [L-J](#)

Pastene, L.A. 2003. On the different criteria used by the IWC/Scientific Committee for defining stocks in bowhead and western North Pacific minke whales. Paper SC/55/RMP9 presented to the IWC Scientific Committee, May 2003 (unpublished). 7pp.

Pastene, L.A., Goto, M., Kanda, N., Zenitani, R. and Kato, H. 2003. Additional genetic analyses on the plausibility of the baseline stock scenarios adopted for North Pacific minke whale ISTs. Paper SC/55/IST2 presented to the IWC Scientific Committee, May 2003 (unpublished). 13pp. [L-J](#)

### [2004](16)

Hakamada, T., Matsuoka, K. and Nishiwaki, S. 2004. Increasing trend and abundance estimate of sei whales in the western North Pacific. Paper SC/56/O19 presented to the IWC Scientific Committee, June 2004 (unpublished). 9pp. [NL-J](#)

Goto, M., Kanda, N. and Pastene, L.A. 2004. Analysis of mtDNA sequences in Bryde's whales from the central western North Pacific and Baja California Peninsula. Paper SC/56/PFI5 presented to the IWC Scientific Committee, June 2004 (unpublished). 9pp. [L-J](#)

Kawahara, S., Kishiro, T., Tamura, T., Murase, H., Kiwada, H. and Nishiwaki, S. 2004. Preliminary estimation of prey selection of minke whales based on JARPN II coastal survey off the southeastern Hokkaido in September-October 2002. Paper SC/56/O18 presented to the IWC Scientific Committee, June 2004 (unpublished). 16pp. [L-J](#)

Kawahara, S. and Hosho, T. 2004. Improvement and test runs Multspec-type ecosystem model for the western North Pacific. Paper SC/56/O24 presented to the IWC Scientific Committee, June 2004 (unpublished). 8pp. [L,NL-J](#)

\*Kim, E.Y., Iwata, H., Fujise, Y. and Tanabe, S. 2004. Searching for novel CYP members using cDNA library from a minke whale liver. *Marine Environmental Research*. 58: 495-498. [L-F](#)

\*Ohishi, K., Takishita, K., Kawato, M., Zenitani, R., Bando, T., Fujise, Y., Goto, Y., Yamamoto, S. and Maruyama, T. 2004. Molecular evidence of new variant *Brucella* in North Pacific common minke whales. *Microbes and Infection* 6: 1199-1204. [L-J](#)

\*Ohishi, K., Takishita, K., Kawato, M., Maruyama, T., Zenitani, R., Bando, T., Fujise, Y., Goto, Y. and Yamamoto, S. 2004. Molecular Characterization of *Brucella* from North Pacific common minke whale. *Oceans'04*: 499-504. [L-J](#)

Pastene, L.A., Goto, M. and Kanda, N. 2004. An update of the mitochondrial DNA and microsatellite analyses in western North Pacific Bryde's whale. Paper SC/56/PFI4 presented to the IWC Scientific Committee, June 2004 (unpublished). 9pp. [L-J](#)

Shimada, H. 2004. Abundance estimate of the western North Pacific stock of Bryde's whale using sighting data from 1998 to 2002. Paper SC/56/PFI6 presented to the IWC Scientific Committee, June 2004 (unpublished). 8pp. [NL-J](#)

Tamura, T., Fujise, Y., Bando, T., Yasunaga, G., Konishi, K., Kiwada, H., Isoda, T., Itoh, S., Machida, S., Tsunekawa, M., Konagai, T., Takamatsu, T., Ohshima, T., Honjo, K., Matsuoka, T., Zharikov, K.A., An, Y.R., Tohyama, D. and Kawahara, S. 2004. Cruise Report of the Japanese Whale Research Program under Special Permit in the western North Pacific –Phase II (JARPN II) in 2003 (part I) - Offshore component - Paper SC/56/O13 presented to the IWC Scientific Committee, June 2004 (unpublished). 47pp. [L,NL-J](#)

Tamura, T., Konishi, K. and Fujise, Y. 2004. Preliminary analyses of prey consumption of three baleen whales and their interaction with fisheries in the western North Pacific. Paper SC/56/O15 presented to the IWC Scientific Committee, June 2004 (unpublished). 13pp. [L-J](#)

Tamura, T., Konishi, K., Hakamada, T., Matsuoka, K., Murase, H., Miyashita, T., Kishiro, T., Ohizumi, H., Kato, H., Kawahara, S. and Fujise, Y. 2004. Preliminary analyses of interaction between common minke whales and fisheries off Kushiro region. Paper SC/56/O16 presented to the IWC Scientific Committee, June 2004 (unpublished). 16pp. [L-J](#)

Tamura, T., Konishi, K., Miyashita, T., Yoshida, H., Kato, H. and Kawahara, S. 2004. Preliminary analyses of interaction between common minke whales and sand lance fisheries off Sanriku region. Paper SC/56/O17 presented to the IWC Scientific Committee, June 2004 (unpublished). 9pp. [L-J](#)

\*Watanabe, H., Mogoe, T., Asada, M., Hayashi, K., Fujise, Y., Ishikawa, H., Ohsumi, S., Miyamoto, A. and Fukui, Y. 2004. Relationship between serum sex hormone concentrations and histology of seminiferous tubules of captured baleen whales in the western North Pacific during the feeding season. *Journal of Reproduction and Development* 50 (4): 419-427. [L-J](#)

Yoshida, H., Kato, H., Kishiro, T., Iwasaki, T., Miyashita, T., Ryono, T., Tabata, S., Sakakibara, M., Saino, S., Hara, T., Hayashi, T., Tomizawa, Y., Tamai, K., Okamoto, R., Fukuoka, M., Watanabe, H., Tsunekawa, M. and Kawahara, S. 2004. Report of the coastal survey on common minke whales off Sanriku coast, northeast Japan: the Japanese Whale Research under Special Permit in the western North Pacific – Phase II (JARPN II) in 2003 (part II) –Coastal component. Paper SC/56/O14 presented to the IWC Scientific Committee, June 2004 (unpublished). 31pp. [L,NL-J](#)

\*Zharikov, K., Fujise, Y., Tamura, T., Kiwada, H., Bando, T., Konishi, K. and Isoda, T. 2004. Distribution and feeding of large cetaceans based on the data of JARPN II - 2003 May, 17-July, 9. *Marine Mammals of the Holarctic*: 207-210. L-F

**[2005](18)**

Bando, T., Hakamada, T. and Ohsumi, S. 2005. Estimation of pregnancy rate of the western North Pacific Bryde's whale. Paper SC/O05/BWI5 presented to the First Intersessional Workshop for Western North Pacific Bryde's Whale Implementation, October 2005 (unpublished). 5pp. L-J

Bando, T., Kishiro, T., Ohsumi, S., Zenitani, R. and Kato, H. 2005. Estimation of some biological parameters of western North Pacific Bryde's whale by age distribution. Paper SC/O05/BWI7 presented to the First Intersessional Workshop for Western North Pacific Bryde's Whale Implementation, October 2005 (unpublished). 10pp. L-J

\*Birukawa, N., Ando, H., Goto, M., Kanda, N., Pastene, L.A., Nakatsuji, H., Hata, H. and Urano, A. 2005. Plasma and Urine Levels of Electrolytes, Urea and Steroid Hormones Involved in Osmoregulation of Cetaceans. *Zoological Science* 22 (11): 1245-1257. L-J

Hakamada, T., Bando, T. and Ohsumi, S. 2005. Estimation of the lower bound of MSYR for western North Pacific Bryde's whale. Paper SC/O05/BWI4 presented to the First Intersessional Workshop of Western North Pacific Bryde's Whale Implementation, October 2005 (unpublished). 7pp. L-J

Hatanaka, H. and Kawahara, S. 2005. An examination of the catch history of Western North Pacific Stock of Bryde's whale. Paper SC/M05/BR2 presented to the Intersessional Workshop for North Pacific Bryde's Whales, March 2005 (unpublished). 7pp. L-J

Kishiro, T., Kato, H., Yoshida, H., Miyashita, T., Ryono, T., Tabata, S., Okamoto, R., Yasui, K., Sato, H., Morita, Y., Saino, S., Hara, T., Ebisui, T., Kuroishi, H., Nishiwaki, S. and Kawahara, S. 2005. Cruise report of the coastal survey on common minke whales off Kushiro, northeast Japan: the 2004 JARPN II survey (Part II) – coastal component. Paper SC/57/O4 presented to the IWC Scientific Committee, May-June 2005 (unpublished). 37pp. L,NL-J

Kitakado, T., Kanda, N. and Pastene, L.A. 2005a. A prospective evaluation of statistical power for population identification under Island models. Paper SC/M05/BR3 presented to the Intersessional Workshop For North Pacific Bryde's Whales, March 2005 (unpublished). 14pp.

Kitakado, T., Kanda, N. and Pastene, L.A. 2005b. A retrospective evaluation of statistical power for population identification in western North Pacific Bryde's whales. Paper SC/M05/BR4 presented to the Intersessional Workshop For North Pacific Bryde's Whales, March 2005 (unpublished). 8pp.

Kitakado, T., Kanda, N. and Pastene, L.A. 2005c. Preliminary Bayesian analyses for population identification using mtDNA data in western North Pacific Bryde's whales. Paper SC/M05/BR5 presented to the Intersessional Workshop For North Pacific Bryde's Whales, March 2005 (unpublished). 5pp. L-J

Matsuoka, K., Kiwada, H., Fujise, Y. and Ohsumi, S. 2005. Distribution pattern of Sperm whales in the western North Pacific based on sighting survey data of the JARPN/JARPN II between 1994 and 2004. Paper A&D 6 presented to the Cachalot Assessment Research Planning (CARP) Workshop, March 2005 (unpublished). 16pp. NL-J

\*Nikaido, M., Sasaki, T., Makino, H., Goto, M., Kanda, N., Pastene, L.A. and Okada, N. 2005. Phylogenetic reconstruction of baleen whales and detection of their past extensive radiation event by the SINE insertion analysis. *Fossils* 77: 22-28 (in Japanese). L,NL-J

\*Niimi, S., Watanabe, M.X., Kim, E.Y., Iwata, H., Yasunaga, G., Fujise, Y. and Tanabe, S. 2005. Molecular cloning and mRNA expression of cytochrome P4501A1 and 1A2 in the liver of common minke whales (*Balaenoptera acutorostrata*). *Marine Pollution Bulletin* 51 (8): 784-793. L-J

\*Ohishi, K., Takishita, K., Kawato, M., Zenitani, R., Bando, T., Fujise, Y., Goto, Y., Yamamoto, S. and Maruyama, T. 2005. Chimeric structure of *omp2* of *Brucella* from North Pacific common minke whales (*Balaenoptera acutorostrata*). *Microbiol. Immunol.* 49 (8): 789-793. L-J

Pastene, L.A. 2005. Relationship between Bryde's whales to be surveyed and harvested in the western North Pacific and those in Southern Hemisphere stock. Paper SC/M05/BR6 presented to the Intersessional Workshop for North Pacific Bryde's Whales, March 2005 (unpublished). 2pp. L-J

Pastene, L.A. 2005. Comments on the hypotheses on stock structure presented at the *pre-implementation assessment* of western North Pacific Bryde's whale. Paper SC/O05/BW13 presented to the First Intersessional Workshop of Western North Pacific Bryde's Whale Implementation, October 2005 (unpublished). 12pp.

\*Sasaki, T., Nikaido, M., Hamilton, H., Goto, M., Kato, H., Kanda, N., Pastene, L.A., Cao, Y., Fordyce, R.E., Hasegawa, M. and Okada, N. 2005. Mitochondrial Phylogenetics and Evolution of Mysticete Whales. *Systematic Biology* 54 (1): 77-90. L,NL-J

Tamura, T., Kubodera, T., Ohizumi, H., Konishi, K., Isoda, T. and Fujise, Y. 2005. Food habits of sperm whales based on JARPN II (2000-03). Paper PE3 presented to the Cachalot Assessment Research Planning (CARP) Workshop, March 2005 (unpublished). 10pp. L-J

Tamura, T., Fujise, Y., Mogoe, T., Kanda, N., Yasunaga, G., Konishi, K., Kiwada, H., Ogihara, M., Hasegawa, A., Kitajima, M., Sugiyama, T., Sasaki, T., Mori, M., Teraoka, T., Tsunekawa, M., Fukutome, K., Zharikov, K.A., NA, J.H., Tohyama, D., Inagake, D. and Kawahara, S. 2005. Cruise report of the Japanese whale research program under special permit in the western North Pacific – Phase II (JARPN II) in 2004 (part I) - offshore component. Paper SC/57/O3 presented to the IWC Scientific Committee, May-June 2005 (unpublished). 33pp. L,NL-J

## [2006](11)

\*Iwanami, K., Mita, H., Yamamoto, Y., Fujise, Y., Yamada, T. and Suzuki, T. 2006. cDNA-derived amino acid sequences of myoglobins from nine species of whales and dolphins. *Comparative Biochemistry and Physiology. Part B* 145:249-56. L-J

Kanda, N., Park, J.Y., Shon, H., Kim, Z.G., Goto, M. and Pastene, L.A. 2006. Preliminary microsatellite analysis of bycaught J-stock minke whales from Japan and Korea. Paper SC/58/NPM2 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 7pp. L-J

\*Kanda, N., Goto, M. and Pastene, L. A. 2006. Genetic Characteristics of Western North Pacific Sei Whales, *Balaenoptera borealis*, as Revealed by Microsatellites. *Marine Biotechnology* 8: 86-93. L-J

Kishiro, T., Kato, H., Yoshida, H., Miyashita, T., Ryono, T., Tabata, S., Yasui, K., Sato, H., Morita, Y., Kumagaya, K., Tokuda, D., Nakai, K., Funabashi, N., Ebisui, T., Wakatsuki, T., Sakaguchi, M., Houhana, T., Nishiwaki, S. and Kawahara, S. 2006. Cruise report of the second phase of the Japanese whale research program under special permit in the western North Pacific (JARPN II) in 2005 - coastal component off Kushiro. Paper SC/58/O10 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 32pp L,NL-J

\*Mitani, Y., Bando, T., Takai, N. and Sakamoto, W. 2006. Patterns of stable carbon and nitrogen isotopes in the baleens of common minke whale *Balaenoptera acutorostrata* from the western North Pacific. *Fish Sci* 72 (1): 69-76. L-J

\*Nikaido, M., Hamilton, H., Makino, H., Sasaki, T., Takahashi, K., Goto, M., Kanda, N., Pastene, L.A. and Okada, N. 2006. Baleen whale phylogeny and a past extensive radiation event revealed by SINE insertion analysis. *Molecular Biology and Evolution* 23 (5): 866-873. L,NL-J

\*Ohishi, K., Maruyama, T., Ninomiya, A., Kida, H., Zenitani, R., Bando, T., Fujise, Y., Nakamatsu, K., Miyazaki, N. and Boltunov, A. N. 2006. Serologic investigation of influenza A virus infection in cetaceans from the western North Pacific and the Southern Oceans. *Marine Mammal Science* 22 (1): 214-221. L-J

Park, J.Y., Goto, M., Kanda, N., Sohn, H., Kim, Z.G. and Pastene, L.A. 2006. Preliminary mitochondrial DNA control region sequencing analysis of by-caught J-stock minke whale from Korea and Japan. Paper SC/58/NPM3 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 7pp. L-F

Pastene, L.A. 2006. An examination of the plausibility of different stock structure hypotheses of North Pacific Bryde's whale based on the available information. Paper SC/58/PFI2 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 5pp.

Tamura, T., Otani, S., Kiwada, H., Mori, M., Konishi, K., Isoda, T., Wada, A., Ogihara, M., Hasegawa, A., Kumagai, S., Komatsu, W., Hayasaka, K., Fukutome, K., Kasai, H., Koyanagi, T., Nagamine, M., Shiozaki, M., Zharikov, K.A., NA, J.H., Ogawa, T., Watanabe, H., Yonezaki, S., Inagake, D. and Kawahara, S. 2006. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2005 - Offshore component -. Paper SC/58/O8 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 52pp. L,NL-J

Yoshida, H., Kato, H., Kishiro, T., Iwasaki, T., Miyashita, T., Saito, T., Tabata, S., Morita, Y., Sato, H., Okada, A., Tomizawa, Y., Saino, S., Kuroishi, H., Ebisui, T., Nakai, K., Nishiwaki, S. and Kawahara, S. 2006. Cruise report of the second phase of the Japanese Whale Research Program under special permit in the Western North Pacific (JARPN II) in 2005 – coastal components off Sanriku. Paper SC/58/O9 presented to the IWC Scientific Committee, May-June 2006 (unpublished). 30pp. L,NL-J

## [2007](17)

\*Fukui, Y., Iwayama, H., Matsuoka, T., Nagai, H., Koma, N., Mogoe, T., Ishikawa, H., Fujise, Y., Hirabayashi, M., Hochi, S., Kato, H. and Ohsumi, S. 2007. Attempt at intracytoplasmic sperm injection of *in vitro* matured oocytes in common minke whales (*Balaenoptera acutorostrata*) captured during the Kushiro coast survey. *Journal of Reproduction and Development*. 53 (4): 945-952. L-J

Goto, M., Kato, H., Zenitani, R., Yoshida, H., Saito, T., Tabata, S., Morita, Y., Sato, H., Okamoto, R., Maeda, H., Odagawa, A., Ebisui, T., Nakai, K., Matsumoto, A., Fujimori, S., Nishiwaki, S. and Kawahara, S. 2007. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2006 - Coastal component off Sanriku. Paper SC/59/O6 presented to the IWC Scientific Committee, May 2007 (unpublished). 34pp. L,NL-J

\*Kanda, N., Goto, M., Kato, H., McPhee, M.V. and Pastene, L.A. 2007. Population genetic structure of Bryde's whales (*Balaenoptera brydei*) at the inter-oceanic and trans-equatorial levels. *Conservation Genetics* 8 (4): 853-864. L-J

Kawahara, S. and Hatanaka, H. 2007. Concept of the ecosystem models developed in JARPN II Program. Paper SC/59/O11 presented to the IWC Scientific Committee, May 2007 (unpublished). 6pp.

Kawahara, H. 2007. Multispec-type ecosystem modelling in the JARPN II offshore survey area. Paper SC/59/O12 presented to the IWC Scientific Committee, May 2007 (unpublished). 9pp. L,NL-J

\*Konishi, K. and Tamura, T. 2007. Occurrence of the minimal armhook squids *Berryteuthis anonychus* (Cephalopoda: Gonatidae) in the stomachs of common minke whales *Balaenoptera acutorostrata* in the western North Pacific. *Fish Sci* 73 (5): 1208-1210. L-J

Mori, M. and Hakamada, T. 2007. Some initial progress on the ecosystem modelling of the JARPN II survey area using Ecopath with-Ecosim. Paper SC/59/O13 presented to the IWC Scientific Committee, May 2007 (unpublished). 11pp. L,NL-J

\*Murase, H., Tamura, T., Kiwada, H., Fujise, Y., Watanabe, H., Ohizumi, H., Yonezaki, S., Okamura, H. and Kawahara, S. 2007. Prey selection of common minke (*Balaenoptera acutorostrata*) and Bryde's (*Balaenoptera edeni*) whales in the western North Pacific in 2000 and 2001. *Fish. Oceanogr.* 16 (2): 186-201. L-J

\*Niimi, S., Kim, E.Y., Iwata, H., Watanabe, M.X., Yasunaga, G., Fujise, Y. and Tanabe, S. 2007. Identification and hepatic expression profiles of cytochrome P450 1-4 isozymes in common minke whales (*Balaenoptera acutorostrata*). *Comparative Biochemistry and Physiology Part B* 147: 667-681. L-J



\*Nishida, S., Goto, M., Pastene, L.A., Kanda, N. and Koike, H. 2007. Phylogenetic relationships among cetaceans revealed by Y-chromosome sequences. *Zoological Science* 24 (7): 723-732. [L,NL-J](#)

\*Onbe, K. Nishida, S., Sone, E., Kanda, N., Goto, M., Pastene, L.A., Tanabe, S. and Koike, H. 2007. Sequence Variation in the Tbx4 Gene in Marine Mammals. *Zoological Science* 24 (5): 449-464. [L,NL-J](#)

\*Pastene, L.A., Goto, M., Kanda, N., Zerbini, A.N., Kerem, D., Watanabe, K., Bessho, Y., Hasegawa, M., Nielsen, R., Larsen, F. and Palsbøll, P.J. 2007. Radiation and speciation of pelagic organisms during periods of global warming: the case of the common minke whale, *Balaenoptera acutorostrata*. *Molecular Ecology* 16: 1481-1495. [L-J](#)

Tamura, T., Matsuoka, K., Bando, T., Mogoe, T., Konishi, K., Mori, M., Tsunekawa, M., Okamoto, K., Funasaka, N., Sakajiri, H., Yoshida, Y., Kumagai, S., Kimura, K., Takamatsu, T., Konagai, T., Sasaki, S., Kuwaoka, J. and Ogawa T. 2007. Cruise Report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2006 (part I) - Offshore component - Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2006 (part I) - Offshore component. Paper SC/59/O5 presented to the IWC Scientific Committee, May 2007 (unpublished). 26pp. [L,NL-J](#)

\*Urashima, T., Kobayashi, M., Asakuma, S., Uemura, Y., Arai, I., Fukuda, K., Saito, T., Mogoe, T., Ishikawa, H., Fukui, Y. 2007. Chemical characterization of the oligosaccharides in Bryde's whale (*Balaenoptera edeni*) and Sei whale (*Balaenoptera borealis*) milk. *Comparative Biochemistry and Physiology Part B* 146: 153-159. [L-J](#)

\*Watanabe, H., Tateno, H., Kusakabe, H., Kamiguchi, Y., Fujise, Y., Ishikawa, H., Ohsumi, S. and Fukui, Y. 2007. Fertilizability and chromosomal integrity of frozen-thawed Bryde's whale (*Balaenoptera edeni*) spermatozoa intracytoplasmically injected into mouse oocytes. *Reproduction, Fertility and Development* 19 (1): 306. [L-J](#)

\*Watanabe, H., Tateno, H., Kusakabe, H., Matsuoka, T., Kamiguchi, Y., Fujise, Y., Ishikawa, H., Ohsumi, S. and Fukui, Y. 2007. Fertilizability and chromosomal integrity of frozen-thawed Bryde's whale (*Balaenoptera edeni*) spermatozoa intracytoplasmically injected into mouse oocytes. *Zygote* 15 (1): 9-14. [L-J](#)

Yoshida, H., Kato, H., Kishiro, T., Miyashita, T., Iwasaki, T., Minamikawa, S., Ryono, T., Tabata, S., Morita, Y., Sato, H., Okamoto, R., Toyoda, Y., Nakamura, G., Ebisui, T., Nakai, K., Matsumoto, A., Nishiwaki, S. and Kawahara, S. 2007. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2006 - Coastal component off Kushiro. Paper SC/59/O7 presented to the IWC Scientific Committee, May 2007 (unpublished). 43pp. [L,NL-J](#)

## [2008](6)

Bando, T., Kato, H., Kishiro, T., Goto, M., Yasunaga, G., Saito, T., Tabata, S., Morita, Y., Okamoto, R., Maeda, H., Inagaki, M., Nagatsuka, S., Ebisui, T., Nakai, K., Matsumoto, A., Gokita, A. and Kawahara, S. 2008. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2007 - coastal component off Sanriku. Paper SC/60/O6 presented to the IWC Scientific Committee, June 2008 (unpublished). 27pp. [L,NL-J](#)

\*Birukawa, N., Ando, H., Goto, M., Kanda, N., Pastene, L.A. and Urano, A. 2008. Molecular cloning of urea transporters from the kidneys of baleen and toothed whales. *Comparative Biochemistry and Physiology Part B* 149: 227-235. [L-J](#)

\*Ishikawa, H. and Shigemune, H. 2008. Comparative experiment of whaling grenades in the Japanese Whale Research Program under Special Permit (JARPA and JARPN). *Jpn. J. Zoo Wildl. Med.* 13 (1): 21-28. [L-J](#)

Kishiro, T., Kato, H., Yoshida, H., Miyashita, T., Iwasaki, T., Kanaji, Y., Ryono, T., Tabata, S., Morita, Y., Okamoto, R., Maeda, H., Nagatsuka, S., Ogawa, N., Nakai, K., Ebisui, T., Matsumoto, A., Gokita, A., Kiwada, H. and Kawahara, S. 2008. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2007 - coastal component off Kushiro. Paper SC/60/O7 presented to the IWC Scientific Committee, June 2008 (unpublished). 33pp. [L,NL-J](#)

Matsuoka, K., Otani, H., Isoda, T., Wada, A., Kumagai, S., Ohshima, T., Yoshimura, I., Sugiyama, K., Aki, M., Kato, K., Bhuiyan, M.M.U., Funasaka, N., Suzuki, Y., Sudo, R., Motohashi, Y., Mori, M., Tsunekawa, M., Inagake, D., Murase, H. and Ogawa, T. 2008. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2007 (Part I) - offshore component. Paper SC/60/O5 presented to the IWC Scientific Committee, June 2008 (unpublished). 40pp. [L,NL-J](#)

\*Ohishi, K., Fujise, Y. and Maruyama, T. 2008. *Brucella* spp. in the western North Pacific and Antarctic cetaceans: a review. *J. Cetacean Res. Manage.* 10 (1):67-72. [L-J](#)

**[2009](64)**

\*Bhuiyan, M.M.U., Suzuki, Y., Watanabe, H., Hirayama, H., Matsuoka, K., Fujise, Y., Ishikawa, H., Ohsumi, S. and Fukui, Y. 2009. Attempts at in vitro fertilization and culture of in vitro matured oocytes in sei (*Balaenoptera borealis*) and Bryde's (*B. edeni*) whales. *Zygote* 17 (1): 19-28. [L-F](#)

\*Fujita, H., Honda, K., Hamada, N., Yasunaga, G and Fujise, Y. 2009. Validation of high-throughput measurement system with microwave-assisted extraction, fully automated sample preparation device, and gas chromatography-electron capture detector for determination of polychlorinated biphenyls in whale blubber. *Chemosphere* 74: 1069-1078. [L-J](#)

Goto, M., Kanda, N., Pastene, L.A., Bando, T. and Hatanaka, H. 2009. Differences in cookie cutter shark-induced body scar marks between J and O stocks of common minke whales in the western North Pacific. Paper SC/J09/JR28 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 7pp. [L-J](#)

Goto, M., Kanda, N., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Mitochondrial DNA analysis on stock structure in the western North Pacific common minke whales. Paper SC/J09/JR29 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 10pp. [L-J](#)

Goto, M., Kanda, N., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Further mitochondrial DNA analysis on stock structure in the western North Pacific common minke whales. Paper SC/61/JR7 presented to IWC Scientific Committee May 2009 (unpublished). 10pp. [L-J](#)

Goto, M., Kanda, N. and Pastene, L.A. 2009. Update of the mitochondrial DNA analysis on sub-stock structure of the J stock common minke whales from the Japanese waters. Paper SC/61/NPM4 presented to IWC Scientific Committee May 2009 (unpublished). 8pp. [L-J](#)

Goto, M., Kanda, N. and Pastene, L.A. 2009. Stock structure scenario of common minke whales from the Japanese waters as revealed by genetic data. Paper SC/61/NPM9 presented to IWC Scientific Committee May 2009 (unpublished). 3pp. [L-J](#)

Hakamada, T. 2009. Examination of the effects on whale stocks of future JARPN II catches. Paper SC/J09/JR36 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 51pp. [L,NL-J](#)

Hakamada, T., Matsuoka, K. and Miyashita, T. 2009. The number of western North Pacific common minke whales (*Balaenoptera acutorostrata*) distributed in JARPN II coastal survey areas. Paper SC/J09/JR8 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 12pp. [NL-J](#)

Hakamada, T., Matsuoka, K. and Miyashita, T. 2009. Distribution and the number of western North Pacific common minke, Bryde's, sei and sperm whales distributed in JARPN II Offshore component survey area. Paper SC/J09/JR15 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 18pp. [NL-J](#)

Hakamada, T. and Bando, T. 2009. Morphometric analysis on stock structure in the western North Pacific common minke whale (*Balaenoptera acutorostrata*). Paper SC/J09/JR27 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 13pp. [L-J](#)

Hakamada, T. 2009. Additional analyses on the effects on J-stock of future JARPN II common minke whale catches. Paper SC/61/JR9 presented to IWC Scientific Committee May 2009 (unpublished). 4pp. L,NL-J

Hakamada, T. and Bando, T. 2009. Further morphometric analysis on stock structure in the western North Pacific common minke whale (*Balaenoptera acutorostrata*). Paper SC/61/JR6 presented to IWC Scientific Committee May 2009 (unpublished). 4pp. L-J

Hakamada, T., Miyashita, T. and Hatanaka, H. 2009. Examination of the effects of planned takes by Japanese small-type coastal whaling on 'O' and 'J' stocks common minke whales in the western North Pacific. Paper SC/61/O15 presented to IWC Scientific Committee May 2009 (unpublished). 53pp. L,NL-J

\*Hiwasa, M., Suzuki, Y., Watanabe, H., Bhuiyan, M.M.U., Matsuoka, K., Fujise, Y., Ishikawa, H., Ohsumi, S., and Fukui, Y. 2009. Effects of semen extenders and storage temperatures on characteristics of frozen-thawed Bryde's (*Balaenoptera edeni*) whale spermatozoa. *Journal of Reproduction and Development* 55: 599-606. L-J

Ishikawa, H. 2009. JAPAN: Progress report on the killing method of whales in the Second Phase of Japanese Whale Research Program in the Antarctic Sea (JARPAII) and Northwestern Pacific Ocean (JARPNII). Meeting of the NAMMCO Committee on Hunting Methods. Marine Research Institute, Reykjavik, Iceland. 2009/4/23. L-J

Kanda, N., Goto, M., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Individual identification and mixing of the J and O stocks around Japanese waters examined by microsatellite analysis. Paper SC/J09/JR26 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 9pp. L-J

Kanda, N., Goto, M., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Microsatellite analysis of minke whales in the western North Pacific. Paper SC/J09/JR30 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 14pp. L-J

Kanda, N., Goto, M. and Pastene, L.A. 2009. Stock structure of Bryde's whales in the western North Pacific as revealed by microsatellite and mitochondrial DNA analyses. Paper SC/J09/JR31 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 8pp. L-J

Kanda, N., Goto, M., Yoshida, H. and Pastene, L.A. 2009. Stock structure of sei whales in the North Pacific as revealed by microsatellite and mitochondrial DNA analyses. Paper SC/J09/JR32 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 14pp. L-J

Kanda, N., Goto, M. and Pastene, L.A. 2009. Genetic characteristics of sperm whales sampled during JARPN II from 2000 to 2007 as revealed by mitochondrial DNA and microsatellite analyses. Paper SC/J09/JR33 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 5pp. L-J

Kanda, N., Goto, M., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Further microsatellite analysis of common minke whales in the western North Pacific. Paper SC/61/JR8 presented to IWC Scientific Committee May 2009 (unpublished). 14pp. L-J

Kanda, N., Goto, M., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2009. Update of the analyses on individual identification and mixing of the J and O stocks of common minke whale around Japanese waters examined by microsatellite analysis. Paper SC/61/JR5 presented to IWC Scientific Committee May 2009 (unpublished). 14pp. L-J

Kanda, N., Goto, M. and Pastene, L.A. 2009. Update of the microsatellite analysis on sub-stock structure of the J stock common minke whales from the Japanese waters. Paper SC/61/NPM8 presented to IWC Scientific Committee May 2009 (unpublished). 9pp. L-J

Kishiro, T., Yoshida, H., Goto, M., Bando, T. and Kato, H. 2009. Methodology and survey procedure under the JARPN II - coastal component of Sanriku and Kushiro -, with special emphasis on whale sampling procedures.

Paper SC/J09/JR3 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 27pp.

Kishiro, T., Yoshida, H., Tamura, T., Konishi, K., Kanda, N., Okamoto, R. and Kato, H. 2009. Relationship between body size, maturity, and feeding habit of common minke whales off Kushiro in autumn season, from 2002-2007 whale sampling surveys under the JARPN II coastal components off Kushiro. Paper SC/J09/JR13 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 25pp. [L-J](#)

Kiwada, H., Kumagai, S. and Matsuoka, K. 2009. Methodology and procedure of the dedicated sighting surveys in JARPN II - Offshore and coastal component of Sanriku and Kushiro-. Paper SC/J09/JR2 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 16pp.

Konishi, K., Kiwada, H., Matsuoka, K., Hakamada, T. and Tamura, T. 2009. Density prediction modeling and mapping of common minke, sei and Bryde's whales distribution in the western North Pacific using JARPN II (2000-2007) data set. Paper SC/J09/JR19 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 20pp. [L-J](#)

Konishi, K., Tamura, T., Goto, M., Bando, T., Kishiro, T., Yoshida, H. and Kato, H. 2009. Trend of blubber thickness in common minke, sei and Bryde's whales in the western North Pacific during JARPN and JARPN II periods. Paper SC/J09/JR20 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 4pp. [L-J](#)

\*Konishi, K., Tamura T., Isoda, T. Okamoto, R., Hakamada, T., Kiwada, H. and Matsuoka, K. 2009. Feeding strategies and prey consumption of three baleen whale species within the Kushiro-Current Extension. *J. Northw. Atl. Fish. Sci.* 42: 27-40. [L-J](#)

\*Lee, E., Bhuiyan, M.M.U., Watanabe, H., Matsuoka, K., Fujise, Y., Ishikawa, H. and Fukui, Y. 2009. Production of cloned sei whale (*Balaenoptera borealis*) embryos by interspecies somatic cell nuclear transfer using enucleated pig oocytes. *J. Vet. Sci.*10 (4): 285-292. [L-F](#)

\*Matsukura, R., Yasuma, H., Murase, H., Yonezaki, S., Funamoto, T., Honda, S. and Miyashita, K. 2009. Measurements of density contrast and sound-speed contrast for target strength estimation of Neocalanus copepods (*Neocalanus cristatus*) in the North Pacific Ocean. *Fish Sci* 75 (6): 1377-1387. [NL-J](#)

Matsuoka, K., Kiwada, H., Fujise, Y. and Miyashita, T. 2009. Distribution of blue (*Balaenoptera musculus*), fin (*B. physalus*), humpback (*Megaptera novaeangliae*) and North Pacific right (*Eubalaena japonica*) whales in the western North Pacific based on JARPN and JARPN II sighting surveys (1994 to 2007). SC/J09/JR35 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 12pp. [NL-J](#)

Mori, M., Watanabe, H., Hakamada, T., Tamura, T., Konishi, K., Murase, H. and Matsuoka, K. 2009. Development of an ecosystem model of the western North Pacific. Paper SC/J09/JR21 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 49pp. [L,NL-J](#)

Mori, M., Watanabe, H., Hakamada, T., Tamura, T., Konishi, K., Murase, H. and Matsuoka, K. 2009. Development of an ecosystem model of the western North Pacific. NAMMCO Scientific Committee Working Group on marine mammals and fisheries in the North Atlantic: estimating consumption and modelling interactions. NAMMCO. Marine Research Institute SC/16/MMFI/09, 49pp (unpublished). Iceland. April 2009/4/15-17. [L,NL-J](#)

Murase, H., Watanabe, H., Yonezaki, S., Tamura, T., Matsuoka, K., Fujise, Y. and Kawahara, S. 2009. Methodology and procedures of cetacean prey surveys in JARPN II - Offshore Component -. Paper SC/J09/JR7 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 11pp.

Murase, H., Kawahara, S., Nagashima, H., Onodera, K., Tamura, T., Okamoto, R., Yonezaki, S., Matsukura, R., Minami, K., Miyashita, K., Yoshida, H., Goto, M., Bando, T., Inagake, D., Okazaki, M., Okamura, H. and Kato,

H. 2009. Estimation of prey preference of common minke whales (*Balaenoptera acutorostrata*) in a coastal component (off Sanriku) of JARPN II in 2005 and 2006. Paper SC/J09/JR10 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 15pp. L-J

Murase, H., Tamura, T., Isoda, T., Okamoto, R., Yonezaki, S., Watanabe, H., Tojo, N., Matsukura, R., Miyashita, K., Kiwada, H., Matsuoka, K., Nishiwaki, S., Inagake, D., Okazaki, M., Okamura, H., Fujise, Y. and Kawahara, S. 2009. Prey preferences of common minke (*Balaenoptera acutorostrata*), Bryde's (*B. edeni*) and sei (*B. borealis*) whales in offshore component of JARPN II from 2002 to 2007. Paper SC/J09/JR18 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 31pp. L-J

\*Murase, H., Ichihara, M., Yasuma, H., Watanabe, H., Yonezaki, S., Nagashima, H., Kawahara, S. and Miyashita, T. 2009. Acoustic characterization of biological backscatterings in the Kuroshio-Oyashio inter-frontal zone and subarctic waters of the western North Pacific in spring. *Fish. Oceanogr.* 18 (6): 386-401. NL-J

\*Murase, H., Nagashima, H., Yonezaki, S., Matsukura, R. And Kitakado, T. 2009. Application of a generalized additive model (GAM) to reveal relationships between environmental factors and distributions of pelagic fish and krill: a case study in Sendai Bay, Japan. *ICES Journal of Marine Science.* 66 (6): 1417-1424. NL-J

Murase, H., Tamura, T., Isoda, T., Okamoto, R., Yonezaki, S., Watanabe, H., Tojo, N., Matsukura, R., Miyashita, K., Kiwada, H., Matsuoka, K., Nishiwaki, S., Inagake, D., Okazaki, M., Okamura, H., Fujise, Y. and Kawahara, S. 2009. Prey preferences of common minke (*Balaenoptera acutorostrata*), Bryde's (*B. edeni*) and sei (*B. borealis*) whales in offshore component of JARPNII from 2002 to 2007. NAMMCO Scientific Committee Working Group on marine mammals and fisheries in the North Atlantic: estimating consumption and modelling interactions. NAMMCO. Marine Research Institute SC/16/MMFI/11, 31pp (unpublished). Iceland. 2009/4/15-17. L-J

Nishiwaki, S., Otani, S. and Tamura, T.: Movement of Bryde's whales in the western North Pacific as revealed by satellite tracking experiments conducted under JARPN II. Paper SC/61/O7 presented to IWC Scientific Committee May 2009 (unpublished). 7pp. NL-J

Okazaki, M., Inagake, D., Masujima, M., Murase, H., Watanabe, H., Yonezaki, S., Nagashima, H., Matsuoka, K., Kiwada, H. and Kawahara, S. 2009. Oceanographic conditions of the western North Pacific based on oceanographic data during the JARPN II. Paper SC/J09/JR34 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 13pp. NL-J

Pastene, L.A., Hatanaka, H., Fujise, Y., Kanda, N., Murase, H., Tamura, T., Miyashita, T. and Kato, H. 2009. The Japanese Whale Research Program under Special Permit in the western North Pacific Phase-II (JARPN II): origin, objectives and research progress made in the period 2002-2007, including scientific considerations for the next research period. Paper SC/J09/JR1 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 73pp.

Pastene, L.A., Hatanaka, H., Fujise, Y., Kanda, N., Murase, H., Tamura, T., Mori, M., Yasunaga, G., Watanabe, H. and Miyashita, T. 2009. Response to the 'Report of the Expert Workshop to Review the JARPN II Programme'. Paper SC/61/JR1 presented to IWC Scientific Committee May 2009 (unpublished). 21pp.

Tamura, T., Matsuoka, K. and Fujise, Y. 2009. Methodology and survey procedure under the JARPN II - offshore component - with special emphasis on whale sampling procedures. Paper SC/J09/JR4 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 16pp.

Tamura, T., Konishi, K., Isoda, T., Okamoto, R. and Bando, T. 2009. Prey consumption and feeding habits of common minke, sei and Bryde's whales in the western North Pacific. Paper SC/J09/JR16 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 36pp. L-J

Tamura, T., Konishi, K., Goto, M., Bando, T., Kishiro, T., Yoshida, H., Okamoto, R. and Kato, H. 2009. Prey consumption and feeding habits of common minke whales in coastal areas off Sanriku and Kushiro. Paper

SC/J09/JR9 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 18pp. L-J

Tamura, T., Kubotera, T., Ohizumi, H., Konishi, K. and Isoda, T. 2009. Feeding habits of sperm whales and their impact on neon flying squid resources in the western North Pacific. Paper SC/J09/JR17 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 22pp. L-J

Tamura, T., Konishi, K., Isoda, T., Okamoto, R. and Bando, T. Prey consumption and feeding habits of common minke, sei and Bryde's whales in the western North Pacific. NAMMCO Scientific Committee Working Group on marine mammals and fisheries in the North Atlantic: estimating consumption and modelling interactions. NAMMCO. Marine Reserch Institute SC/16/MMFI/07, 37pp (unpublished). Iceland. 2009/4/15-17. L-J

Tamura, T., Konishi, K., Isoda, T., Okamoto, R., Bando, T. and Hakamada, T. 2009. Some examinations of uncertainty in the prey consumption estimates of common minke, sei and Bryde's whales in the western North Pacific. Paper SC/61/JR2 presented to IWC Scientific Committee May 2009 (unpublished). 24pp. L-J

Tamura, T., Otani, S., Isoda, T., Wada, A., Yonezaki, S., Mori, M., Tsunekawa, M., Fukutome, K., Nakai, K., Sato, H., Nomura, I., Nagatsuka, S., Umatani, M., Koyanagi, T., Takamatsu, T., Kawabe, S., Kandabashi, S., Watanabe, H., Kumagai, S., Sato, H., and Ogawa, T. 2009. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2008 (Part I) Offshore component. Paper SC/61/O4 presented to IWC Scientific Committee May 2009 (unpublished). 49pp. L,NL-J

\*Tsuki, K., Sato, A., Kaneko, H., Yasunaga, G., Fujise, Y. and Nomata, H. 2009. Comparison of physiologically significant imidazole dipeptides in cetaceans sampled in Japanese Whale research (short paper). *Sci. Rep. Hokkaido Fish. Exp. Stn.* 74:25-28. L-J

Watanabe, H., Yonezaki, S., Kiwada, H., Kumagai, S., Kishiro, T., Yoshida, H. and Kawahara, S. 2009. Methodology and procedures of common minke whale's prey surveys in JARPN II - Coastal component of Kushiro -. Paper SC/J09/JR6 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 12pp.

Watanabe, H., Yonezaki, S., Kiwada, H., Kumagai, S., Kishiro, T., Yoshida, H. and Kawahara, S. 2009. Distribution and abundance of prey species and prey preference of common minke whale *Balaenoptera acutorostrata* in the coastal component of JARPN II off Kushiro from 2002 to 2007. Paper SC/J09/JR11 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 37pp. L,NL-J

Yasunaga, G. and Fujise, Y. 2009. Temporal trends and factors affecting mercury levels in common minke, Bryde's and sei whales and their prey species in the western North Pacific. Paper SC/J09/JR23 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 13pp. L-J

Yasunaga, G. and Fujise, Y. 2009. Temporal trends and factors affecting PCB levels in baleen whales and environmental samples from the western North Pacific. Paper SC/J09/JR24 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 10pp. L-J

Yasunaga, G. and Fujise, Y. 2009. Accumulation features of total and methyl mercury and selenium in tissues of common minke, Bryde's and sperm whales from the western North Pacific. Paper SC/J09/JR25 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 11pp. L-J

Yasunaga, G. and Fujise, Y. 2009. Additional analyses of temporal trends and factors affecting mercury levels in common minke, Bryde's and sei whales in the western North Pacific. Paper SC/61/JR3 presented to IWC Scientific Committee May 2009 (unpublished). 3pp. L-J

Yasunaga, G. and Fujise, Y. 2009. Additional analyses of temporal trends and factors affecting PCB levels in baleen whales from the western North Pacific. SC/61/JR4 presented to IWC Scientific Committee May 2009 (unpublished). 5pp. [L-J](#)

Yasunaga, G., Kato, H., Kishiro, T., Yoshida, H., Nishiwaki, S., Saito, T., Tabata, S., Okamoto, R., Maeda, H., Nakamura, G., Inoue, S., Otani, S., Iwasaki, T., Kanaji, Y., Mogoe, T., Murase, H., Wada, A., Nakai, K., Matsumoto, A., Gokita, A., Yamazaki, K., Oikawa, H., Onodera, K., Shiraishi, K. and Nagashima, H. 2009. Cruise Report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2008 - (Part II) - Coastal component off Sanriku. Paper SC/61/O6 presented to IWC Scientific Committee May 2009 (unpublished). 24pp. [L,NL-J](#)

Yonezaki, S., Nagashima, H., Murase, H., Yoshida, H., Bando, T., Goto, M., Kawahara, S. and Kato, H. 2009. Methodology and procedures of surveys of prey of common minke whales JARPN II - Coastal component of Sanriku. Paper SC/J09/JR5 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 6pp.

Yoshida, H., Kishiro, T., Goto, M., Bando, T., Tamura, T., Konishi, K., Okamoto, R. and Kato, H. 2009. Relationship between body size, maturity, and feeding habit of common minke whales off Sanriku in spring season, from 2003-2007 whale sampling surveys under the JARPN II coastal component off Sanriku. Paper SC/J09/JR12 presented to the IWC Scientific Committee Expert Workshop to review the JARPN II Programme, Yokohama, Japan, January 26-30 2009 (unpublished). 20pp. [L-J](#)

Yoshida, H., Kato, H., Kishiro, T., Miyashita, T., Iwasaki, T., Kanaji, Y., Yasunaga, G., Oikawa, H., Ryono, T., Tabata, S., Okamoto, R., Maeda, H., Matsumoto, A., Ogawa, N., Nagatsuka, S., Inoue, S., Hiruta, H., Gokita, A., Matsunaga, H. and Yamasaki, K. 2009. Cruise Report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2008 (Part II) - Coastal component off Kushiro. Paper SC/61/O5 presented to IWC Scientific Committee May 2009 (unpublished). 10pp. [L,NL-J](#)

#### **[2010](33)**

Bando, T., Kiwada, H., Mogoe, T., Isoda, T., Mori, M., Tsunekawa, M., Yoshimura, I., Nakai, K., Sato, H., Tanaka, H., Inagaki, M., Tamahashi, K., Yoshida, K., Morine, G., Watanabe, H., Fujiwara, G., Eguchi, K. and Tamura, T. 2010. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2009 (Part I) - offshore component. Paper SC/62/O4 presented to the IWC Scientific Committee, May 2010 (unpublished). 34pp. [L,NL-J](#)

Bando, T. 2010. Biological data of western North Pacific common minke whales collected by JARPN (1994-1999) and JARPN II (2000-2009). Paper SC/S10/NPM2 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 1pp. [L-J](#)

Bando, T., Miyashita, T., Kishiro, T., Yoshida, H. and Hatanaka, H. 2010. An analysis of conception date of common minke whales sampled by JARPN and JARPN II in the context of stock structure hypotheses. Paper SC/S10/NPM10 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 3pp. [L-J](#)

Bando, T., Kanda, N., Pastene, L.A., Kishiro, T., Yoshida, H. and Hatanaka, H. 2010. An analysis of cookie cutter shark-induced body scar marks of common minke whales in the context of stock structure hypotheses. Paper SC/D10/NPM6 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 5pp. [L-J](#)

\*Bhuiyan, M.M.U., Suzuki, Y., Watanabe, H., Lee, E., Hirayama, H., Matsuoka, K., Fujise, Y., Ishikawa, H., Ohsumi, S. and Fukui, Y. 2010. Production of Sei Whale (*Balaenoptera borealis*) Cloned Embryos by Inter- and Intra-Species Somatic Cell Nuclear Transfer. *Journal of Reproduction and Development* 56: 131-139. [L-F](#)

\*Funakasa, N., Yoshioka, M. and Fujise, Y. 2010. Features of the Ocular Harderian Gland in three Balaenopterid species based on anatomical, histological and histochemical observations. *Mammal Study* 35 (1): 9-15. [L-J](#)

Goto, M., Miyashita, T., Kanda, N., Pastene, L.A. and Hatanaka, H. 2010. A hypothesis on the migration pattern of J-stock common minke whales. Paper SC/62/NPM1 presented to the IWC Scientific Committee, May 2010 (unpublished). 14pp. [L-J](#)

Hakamada, T., Matsuoka, K. and Miyashita, T. 2010. Revised abundance estimate of western North Pacific common minke whales based on JARPN II sighting data. Paper SC/62/NPM2 presented to the IWC Scientific Committee, May 2010 (unpublished). 8pp. [NL-J](#)

Hakamada, T. and Miyashita, T. 2010. Summary of the information on sighting surveys undertaken by Japan during JARPN/JARPNII that are intended for consideration for use in the *Implementation Simulation Trials* and the RMP itself. Paper SC/S10/NPM5 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 7pp.

Hakamada, T. 2010. Summary of the information on dedicated sighting surveys for abundance estimation in JARPN and JARPN II. Paper SC/D10/NPM12 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 20pp.

Hatanaka, H. and Ohsumi, S. 2010. Comments on the paper by Wade and Brownell titled 'A review of the biology of western North Pacific minke whales relevant to stock structure (SC/62/NPM13)'. Paper SC/62/NPM28 presented to the IWC Scientific Committee, May 2010 (unpublished). 2pp.

Ishikawa, H. 2010. Progress report on the killing method of whales in the JARPN II coastal operation. Paper presented to the NAMMCO Expert Group Meeting to Assess Whale Killing Data, February 2010 (unpublished). 2pp. [L-J](#)

Kanda, N., Goto, M., Nagatsuka, S., Kato, H., Pastene, L.A. and Hatanaka, H. 2010. Analyses of genetic and non-genetic data do not support the hypothesis of an intermediate stock in sub-area 7. Paper SC/S10/NPM9 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 7pp. [L-J](#)

Kanda, N., Goto, M., Nagatsuka, S., Kato, H., Pastene, L.A. and Hatanaka, H. 2010. Genetic and non-genetic analyses of North Pacific common minke whales under the newly defined sub-areas. Paper SC/D10/NPM8 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 8pp. [L-J](#)

Kanda, N., Park, J.Y., Goto, M., An, Y.R., Choi, S.G., Moon, D.Y., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2010. Genetic analyses of western North Pacific minke whales from Korea and Japan based on microsatellite DNA. Paper SC/62/NPM11 presented to the IWC Scientific Committee, May 2010 (unpublished). 13pp. [L-J](#)

Kanda, N., Pastene, L.A. and Hatanaka, H. 2010. Length composition and sex ratio of western North Pacific minke whales and their consistencies with stock structure hypotheses. Paper SC/D10/NPM7 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 12pp. [L-J](#)

Kishiro, T., Kato, H., Yoshida, H., Yasunaga, G., Tabata, S., Nakamura, G., Maeda, H., Inoue, S., Miyagawa, N., Okamoto, R., Oikawa, H., Watanabe, H., Iwasaki, T., Kanaji, Y., Minamikawa, S., Otani, S., Ishikawa, H., Kanda, N., Gokita, A., Yamazaki, K. and Yonehara, Y. 2010. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) in 2009 (part II) - coastal component off Kushiro. Paper SC/62/O6 presented to the IWC Scientific Committee, May 2010 (unpublished). 13pp. [L,NL-J](#)

Miyashita, T. and Hatanaka, H. 2010. Re-consideration of the sub-areas for the RMP *Implementation* of western North Pacific common minke whales. Paper SC/62/NPM5 presented to the IWC Scientific Committee, May 2010 (unpublished). 11pp.

Miyashita, T., Goto, M., Yoshida, H. and Kanaji, Y. 2010. Estimation of mixing proportion of O/J common minke whales in sub-area 12 using cookie-cutter shark scar as ecological marker. Paper SC/62/NPM10 presented to the IWC Scientific Committee, May 2010 (unpublished). 5pp. [NL-J](#)



Miyashita, T and Hakamada, T. 2010. Results of a validation exercise of abundance data obtained by Japan that are intended for consideration for use in the *Implementation Simulation Trials* of the RMP and the RMP itself. Paper SC/S10/NPM7 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 3pp. [NL-J](#)

\*Ogawa, G., Ishida, M., Kato, H., Fujise, H. And Urano, N. 2010. Identification of facultative anaerobic bacteria isolated from the intestine of the minke whale *Balaenoptera acutorostrata* by 16S rRNA sequencing analysis. *Fish Sci* 76: 177-181. [L-J](#)

Park, J.Y., Goto, M., Kanda, N., Kishiro, T., Yoshida, H., Kato, H. and Pastene, L.A. 2010. Mitochondrial DNA analyses of J and O stocks common minke whale in the western North Pacific. Paper SC/62/NPM21 presented to the IWC Scientific Committee, May 2010 (unpublished). 10pp. [L-F](#)

\*Pastene, L.A., Fujise, Y. and Hatanaka, H. 2010. JARPNII: a challenging multidiscipline research program focused on whales in the western North Pacific. *Ottar* (Tromso Museum) 280: 23-28 (in Norwegian).

Pastene, L.A., Goto, M. and Kanda, N. 2010. Progress in the development of stock structure hypotheses for western North Pacific common minke whales. Paper SC/62/NPM12 presented to the IWC Scientific Committee, May 2010 (unpublished). 9pp.

Pastene, L.A. and Kanda, N. 2010. Initial comments on paper by Baker et al. 'Stock structure of western North Pacific minke whales based on mtDNA haplogroups from bycatch and scientific whaling (SC/62/NPM20). Paper SC/62/NPM27 presented to the IWC Scientific Committee, May 2010 (unpublished). 2pp.

Pastene, L.A., Goto, M. and Kanda, N. 2010. Specifications of plausible stock structure hypotheses for western North Pacific common minke whales. Paper SC/S10/NPM1 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 11pp.

Pastene, L.A. and Hatanaka, H. 2010. Non-genetic data provide little support for additional structure in the J and O stocks common minke whales. Paper SC/S10/NPM8 presented to the Preparatory Meeting of western North Pacific common minke whale *Implementation*, September 2010 (unpublished). 12pp.

Pastene, L.A. and Hatanaka, H. 2010. Non-genetic data are not consistent with sub-division of J and O stocks common minke whales. Paper SC/D10/NPM5 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 7pp.

Pastene, L.A., Kanda, N. and Hatanaka, H. 2010. Summary of scientific evidence supporting stock structure Hypotheses I and II for western North Pacific common minke whales. Paper SC/D10/NPM10 presented to the First Intersessional Workshop of western North Pacific minke whale *Implementation*, December 2010 (unpublished). 7pp

\*Shishido, R., Ohishi, K., Suzuki, R., Takishita, K., Ohtsu, D., Okutsu, K., Tokutake, K., Katsumata, E., Bando, T., Fujise, Y., Murayama, T. and Maruyama, T. 2010. Cetacean Toll-like receptor 4 and myeloid differentiation factor 2, and possible cetacean-specific responses against Gram-negative bacteria. *Comp. Immun. Microbiol. Infect. Dis.* 33 (6): 89-98. [L-J](#)

\*Suzuki, Y., Umatani, M., Bhuiyan, M.M.U., Watanabe, H., Mogoe, T., Matsuoka, K., Fujise, Y., Ishikawa, H., Ohsumi, S., Sasaki, M. and Fukui, Y. 2010. Effects of equilibration steps, type of sugars and addition of whale follicular fluid on viability and in vitro maturation of vitrified whale oocytes. *Jpn. J. Zoo Wildl Med* 15 (2): 65-72. [L-J](#)

\*Tojo, N., Matsukura, R., Yasuma, H., Yonezaki, S., Watanabe, H., Kawahara, S., Murase, H., and Miyashita, K. 2010. Spatial analysis of isada krill (*Euphausia pacifica*) distribution in frontal environments in the North Pacific Ocean. *GIS/spatial analyses in fisheries and aquatic science*. 4. International Fishery GIS Society: 115-138. [NL-J](#)

Yasunaga, G., Kato, H., Kishiro, T., Yoshida, H., Ishikawa, H., Goto, M., Tabata, S., Maeda, H., Nakamura, G., Inoue, S., Miyakawa, N., Tamura, T., Kumagai, S., Iwasaki, T., Kanaji, Y., Watanabe, H., Hiruta, H., Yamazaki, K., Yonehara, Y., Oikawa, H. and Onodera, K. 2010. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2009 - (Part II) - coastal component off Sanriku. Paper SC/62/O5 presented to the IWC Scientific Committee, May 2010 (unpublished). 20pp. [L,NL-J](#)

## [2011](26)

Bando, T., Yasunaga, G., Ito, N., Tabata, S., Oikawa, H., Nakamura, G., Maeda, H., Miyakawa, N., Zenitani, R., Zennyoji, Y., Yonehara, Y., Ishikawa, Y., Fukutome, K., Tsunekawa, M., Aki, M., Yamasaki, K., Tsutsumi, T., Kitayama, K., Onodera, K. and Kato, H. 2011. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2010 (Part II) - Coastal component off Sanriku. Paper SC/63/O3 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 14pp. [L,NL-J](#)

\*Hakamada, T. and Matsuoka, K. 2011. Abundance estimate for common minke, Bryde's and sei whales in the offshore region of the western North Pacific. *Bull. Jpn. Soc. Fish. Oceanogr.* 75(3): 173-174 (in Japanese). [NL-J](#)

Hakamada, T. and Kitakado, T. 2011. Abundance estimation for the western North Pacific common minke whales based on sighting information from JARPN and JARPN II. Paper SC/63/RMP18 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 25pp. [NL-J](#)

\*Kanda, N., Goto, M. and Pastene, L. A. 2011. Genetic stock structure of baleen whales. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 191 (in Japanese). [L-J](#)

\*Kato, H. and Fujise, Y. 2011. General discussion: Symposium on "Marine ecosystem of the western North Pacific with special interest in cetaceans". *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 194-195 (in Japanese).

\*Kishiro, T., Yoshida, H., Tamura, T., Konishi, K., Kanda, N., Okamoto, R. and Kato, H. 2011. Relationship between maturity and feeding ecology of common minke whales off Kushiro in autumn. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 175-176 (in Japanese). [L-J](#)

\*Maehara, T., Aoki, I., Yonezaki, S., Watanabe, H., Murase, H. and Yamaguchi, A. 2011. Feeding ecology of the Japanese anchovy in the offshore area east of Honshu, Japan in summer. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3):187 (in Japanese). [NL-J](#)

\*Matsuoka, K., Kiwada, H., Fujise, Y. and Miyashita, T. 2011. Distribution of baleen whales in the western North Pacific based on the JARPN and JARPN II sighting surveys (1994 to 2007). *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 178-179 (in Japanese). [NL-J](#)

\*Miyashita, K., Matsukura, R., Tojo, N., Minami, K., Yasuma, H., Nagashima, H., Onodera, K., Watanabe, H., Yonezaki, S. and Murase, H. 2011. Monitoring of prey of cetaceans by using quantitative echosounders. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 183-184 (in Japanese). [NL-J](#)

\*Mori, M., Watanabe, H., Hakamada, T., Tamura, T., Konishi, K., Murase, H. and Matsuoka, K. 2011. Development of an ecosystem model of western North Pacific using Ecopath with Ecosim. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 189 (in Japanese). [L,NL-J](#)

\*Murase, H., Kawabata, A., Kubota, H., Nakagami, M., Amakasu, K., Abe, K., Miyashita, K. and Oozeki, Y. 2011. Effect of depth-dependent target strength on biomass estimation of Japanese anchovy. *Mar. Sci. Technol.* 19: 267-272. [NL-J](#)

\*Murase, H., Tamura, T., Isoda, T., Okamoto, R., Kato, H., Yonezaki, S., Watanabe, H., Tojo, N., Matsukura, R., Miyashita, K., Kiwada, H., Matsuoka, K., Nishiwaki, S., Inagake, D., Okazaki, M., Okamura, H. and Fujise, Y. 2011. Prey selection of common minke, Bryde's and sei whales in the offshore region of the western North Pacific. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 180-181 (in Japanese). [L-J](#)

\*Nishiwaki, S., Otani, S. and Tamura, T. 2011. The satellite tracking of the western North Pacific. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 193-194 (in Japanese). [NL-J](#)

\*Onodera, K., Nagashima, H., Matsukura, R., Miyashita, K., Yonezaki, S. and Murase, H. 2011. Cetacean prey species and oceanographic surveys in Sendai Bay. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 184-185 (in Japanese). [NL-J](#)

\*Pastene, L.A., Hatanaka, H., Fujise, Y., Kanda, N., Murase, H., Tamura, T., Miyashita, T. and Kato, H. 2011. Whale research program under special permit in the western North Pacific – Phase II (JARPN II): origin and objectives. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 172-173 (in Japanese).

\*Pastene, L.A., Hatanaka, H., Fujise, Y., Kanda, N., Murase, H., Tamura, T., Yasunaga, G., Kishiro, T., Yoshida, H., Miyashita, T. and Kato, H. 2011. The Japanese Whale Research Program under Special Permit in the western North Pacific Phase-II (JARPN II): origin, objectives and research progress made in the first six years period (2002-2007), including scientific considerations for the next research period. *Aquabiology* 33 (2): 171-185 (in Japanese).

Pastene, L.A. and Hatanaka, H. 2011. A brief background of the RMP *Implementations* for western North Pacific common minke whale: stock structure, plausibility and management implications. Paper SC/63/RMP21 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 10pp.

Pastene, L.A., Goto, M., Kanda, N. and Hatanaka, H. 2011. Ranking the plausibility of stock structure hypotheses of western North Pacific common minke whale. Paper SC/63/RMP22 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 11pp.

\*Sasaki, Y., Saito, S., Matsuoka, K., Murase, H. and Kiwada, H. 2011. Spatial distribution patterns of sei and Bryde's whales. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 179-180 (in Japanese). [NL-J](#)

\*Tamura, T., Konishi, K., Isoda, T., Hakamada, T., Kiwada, H., Okamoto, R. and Matsuoka, K. 2011. The food habitat, relation of habitat factor and prey consumption of three baleen whale species in the offshore region of the western North Pacific. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 174-175 (in Japanese). [L-J](#)

\*Watanabe, H., Kiwada, H., Kumagai, S., Yonezaki, S., Kishiro, T., Konishi, K. and Yoshida, H. 2011. Habitat and prey selection of common minke whale off Kushiro in autumn - Estimation of distribution and migration of common minke whale using environmental information - *Bull. Jpn. Soc. Fish. Oceanogr.* 75(3): 182-183 (in Japanese). [L,NL-J](#)

\*Yamaguchi, A., Hanamiya, Y., Murase, H. and Watanabe, H. 2011. Vertical flux of materials by diel vertical migration of macrozooplankton. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3):185-186 (in Japanese). [NL-J](#)

\*Yasunaga, G. and Fujise, Y. 2011. Monitoring of pollutants in the baleen whales and their prey species in the western North Pacific. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 190 (in Japanese). [L-J](#)

Yasunaga, G., Kiwada, H., Mogoe, T., Wada, A., Nakai, K., Mori, M., Tsunekawa, M., Kasai, H., Ohshima, T., Yoshimura, I., Sato, H., Sakamoto, N., Watanabe, H., Fujiwara, G., Ogawa, T. and Tamura, T. 2011. Cruise Report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2010 (part I) - Offshore component - Paper SC/63/O2 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 38pp. [L,NL-J](#)

\*Yoshida, H., Kishiro, T., Goto, M., Bando, T., Tamura, T., Konishi, K., Okamoto, R. and Kato, H. 2011. Feeding ecology of common minke whales in coastal waters off Sanriku in spring. *Bull. Jpn. Soc. Fish. Oceanogr.* 75 (3): 177-178 (in Japanese). [L-J](#)

Yoshida, H., Ito, N., Kishiro, T., Miyashita, T., Iwasaki, T., Minamikawa, S., Kanaji, Y., Oikawa, H., Tabata, S., Kumagai, S., Nakamura, G., Maeda, H., Inoue, S., Miyakawa, N., Ishikawa, Y., Shimizu, K., Yonehara, Y., Kitayama, K., Tsutsumi, T. and Kato, H. 2011. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2010 (Part III) - Coastal component off Kushiro. Paper SC/63/O4 presented to IWC Scientific Committee, June 2011, Tromsø, Norway (unpublished). 10pp. [L,NL-J](#)

[2012](13)

Hakamada, T. and Kitakado, T. 2012. Abundance estimate for western North Pacific minke whales based on JARPN II dedicated sighting survey from 2008 to 2009. Paper SC/64/NPM3 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 8pp. [NL-J](#)

Hakamada, T., Matsuoka, K. and Miyashita, T. 2012. Updated summary of information on sighting survey procedures of the Japanese dedicated sighting surveys. Paper SC/64/NPM2 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 44pp.

Kanda, N. and Hatanaka, H. 2012. Distribution of correlation coefficients between  $\emptyset$  and FIS in mixed samples of two distinct stocks: comments to Waples (2011). Paper SC/64/NPM9 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 3pp. [L-J](#)

Kishiro, T., Kato, H., Ito, N., Yasunaga, G., Takahiro, H., Nakamura, G., Maeda, H., Inoue, S., Miyakawa, N., Ishida, K., Kadowaki, I., Oikawa, H., Miyashita, T., Iwasaki, T., Kanaji, Y., Minamikawa, S., Watanabe, H., Kumagai, S., Sato, H. and Kitayama, K. 2012. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) (Part III) - Coastal component off Kushiro in autumn 2011. Paper SC/64/O5 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 14pp. [L,NL-J](#)

Kitakado, T., Hakamada, T. and Miyashita, T. 2012. Extrapolation of abundance to unsurveyed areas in sub-areas 8, 11 and 12NE for the western North Pacific common minke whales by using prediction with a linear model. Paper SC/64/NPM5 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 6pp. [NL-J](#)

\*Maeda, H. and Kato, H. 2012. Technical improvements of the age character (earplug) collections in common minke whales. *Bull. Jpn. Soc. Fish. Oceanogr.* 76 (2): 59-65 (in Japanese). [L-J](#)

Matsuoka, K., Tsunekawa, M., Nishiwaki, S. and Miyashita, T. 2012. Cruise report of the Japanese cetacean sighting survey in the western North Pacific in 2011. Paper SC/64/O6 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 9pp. [NL-J](#)

\*Murase, H., Kawabata, A., Kubota, H., Nakagami, M., Amakasu, K., Abe, K., Miyashita, K. and Oozeki, Y. 2012. Basin-scale distribution patterns and biomass estimation of Japanese anchovy *Engraulis japonicus* in the western North Pacific. *Fish Sci* 78:761-773. [NL-J](#)

\*Nakamura, G., Kato, H. and Fujise, Y. 2012. Relative Growth of the Skull of the Common Minke Whale *Balaenoptera acutorostrata* from the North Pacific in Comparison to Other *Balaenoptera* Species. *Mammal Study* 37 (2): 105-112. [L-J](#)

Pastene, L.A., Park, J.Y., An, Y.R. and Kanda, N. 2012. On the plausibility of stock structure hypotheses of western North Pacific common minke whale. Paper SC/64/NPM1 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 9pp.

Tamura, T., Moore, T., Nakai, K., Mori, M., Tsunekawa, M., Yoshimura, I., Ishikawa, H., Kawabe, S., Yamaguchi, F., Yamazaki, K., Ueta, E., Watanabe, H. and Eguchi, K. 2012. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) in 2011 (Part I) - Offshore component. Paper SC/64/O3 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 28pp. [L,NL-J](#)

\*Watanabe, H., Okazaki, M., Tamura, T., Konishi, K., Inagake, D., Bando, T., Kiwada, H. and Miyashita, T. 2012. Habitat and prey selection of common minke, sei, and Bryde's whale in mesoscale during summer in the sub-arctic and transition regions of the western North Pacific. *Fish Sci* 78:557-57. [L,NL-J](#)

Yasunaga, G., Nobuyuki, I., Wada, A., Kiwada, H., Sato, H., Maeda, H., Nakamura, G., Inoue, S., Miyakawa, N., Kitayama, K., Ishikawa, H., Suzuki, N., Tsutsumi, T., Kadowaki, I. and Kato, H. 2012. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) (Part II) - Coastal component off Kushiro, spring survey. Paper SC/64/O4 presented to IWC Scientific Committee, June 2012, Panama City, Panama (unpublished) 11pp. [L,NL-J](#)

**[2013] (10)**

Bando, T., Mogoe, T., Isoda, T., Wada, A., Mori, M., Tsunekawa, M., Tamahashi, K., Moriyama, R., Miyakawa, N., Kadowaki, I., Watanabe, H. and Ogawa, T. 2013. Cruise report of the second phase of the Japanese whale research program under special permit in the Western North Pacific (JARPN II) in 2012 (Part I) - Offshore Component -. Paper SC/65a/O03 presented to IWC Scientific Committee, June 2013, Jeju Island, Republic Korea (unpublished) 33pp. [L,NL-J](#)

\*&Kershaw, F., Leslie, M.S., Collins, T., Mansur, R.M., Smith, B.D., Minton, G., Baldwin, R., LeDuc, R.G., Anderson, R.C., Brownell, R.L. and Rosenbaum, H.C. 2013. Population differentiation of 2 forms of Bryde's whales in the Indian and Pacific Oceans. *Journal of Heredity* 104 (6): 755-764. [L-F](#)

\*Maeda, H., Kawamoto, T. and Kato, H. 2013. A study on the improvement of age estimation in common minke whales using the method of gelatinized extraction of earplug. *NAMMCO Scientific Publications* 10:17pp. [L-J](#)

\*Matsukura, R., Sawada, K., Abe, K., Minami, K., Nagashima, H., Yonezaki, S., Murase, H. and Miyashita, K. 2013. Comparison of measurements and model calculations of target strength of juvenile sandeel in Sendai Bay. *Nippon Suisan Gakkaishi* 79 (4): 638-648 (in Japanese). [NL-J](#)

Matsuoka, K., Yoshimura, I. and Miyashita, T. 2013. Cruise report of the Japanese cetacean sighting survey in the western North Pacific in 2012. Paper SC/65a/O04 presented to IWC Scientific Committee, June 2013, Jeju Island, Republic Korea (unpublished) 8pp. [NL-J](#)

Miyashita, T. and Hakamada, T. 2013. Summary of abundance estimates of the North Pacific common minke whales in RMP/IST. Paper SC/65a/NPM03 presented to IWC Scientific Committee, June 2013, Jeju Island, Republic Korea (unpublished) 12pp. [NL-J](#)

\*Sasaki, H., Murase, H., Kiwada, H., Matsuoka, K., Mitani, Y. and Saitoh, S. 2013. Habitat differentiation between sei (*Balaenoptera borealis*) and Bryde's whales (*B. brydei*) in the western North Pacific. *Fish. Oceanogr.* 22 (6): 496-508. [NL-J](#)

\*Shimizu, Y., Ohishi, K., Suzuki, R., Tajima, Y., Yamada, T., Kakizoe, Y., Bando, T., Fujise, Y., Taru, H., Murayama, T. Maruyama, T. 2013. Amino acid sequence variations of signaling lymphocyte activation molecule and mortality caused by morbillivirus infection in cetaceans. *Microbiol Immunol* 57: 624-632. [L-J](#)

Yasunaga, G., Itoh, N., Oikawa, H., Nakamura, G., Maeda, H., Inoue, S., Kitayama, K., Kadowaki, I., Tamai, N., Miyakawa, N., Ishikawa, Y., Ishida, K., Suzuki, N., Kobayashi, N., Sato, H., Kumagai, S., Sakamoto, N. and Kato, H. 2013. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) in 2012 - (Part II) - Coastal component off Sanriku survey. Paper SC/65a/O07 presented to IWC Scientific Committee, June 2013, Jeju Island, Republic Korea (unpublished) 19pp. [L,NL-J](#)

Yoshida, H., Ito, N., Kishiro, T., Miyashita, T., Yasunaga, G., Hara, T., Nakamura, G., Maeda, H., Inoue, S., Tsutsumi, T., Ishida, K., Tamai, N., Kadowaki, I., Oka, S., Takahashi, M., Fukumoto, A., Kumagai, S., Sato, H., Sakamoto, N., Kitayama, K., Kobayashi, N. and Kato, H. 2013. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPN II) in 2012 (Part III) - Coastal component off Kushiro. Paper SC/65a/O06 presented to IWC Scientific Committee, June 2013, Jeju Island, Republic Korea (unpublished) 12pp. [L,NL-J](#)

**[2014] (10)**

Bando, T., Konishi, K., Wada, A., Oikawa, H., Sato, H., Tsunekawa, M., Yoshimura, I., Konagai, T., Ueda, E., Murase, H. and Ogawa, T. 2014. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2013 (part I) - offshore component. Paper SC/65b/SP2 presented to the IWC Scientific Committee, May 2014 (unpublished). 23pp. [L,NL-J](#)

\*Inoue, S., Kishiro, T., Fujise, Y., Nakamura, G. and Kato, H. 2014. Seasonal changes in the testis of the North Pacific common minke whale. *Nippon Suisan Gakkaishi* 80 (2): 185-190 (in Japanese). [L-J](#)

Kishiro, T., Yoshida, H., Ito, N., Nakamura, G., Miyakawa, N., Tamai, N., Kadowaki, I., Fukumoto, A., Takahashi, M., Furuyama, Y., Oota, Y., Maeda, H., Miyashita, T., Kumagai, S., Hara, T., Kimura, Y., Sakamoto, N., Kobayashi, N., Suzuki, N., Kanaji, Y., Mogoe, T., Nakai, K. and Kato, H. 2014. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2013 (part III) - coastal component off Kishiro. Paper SC/65b/SP4 presented to the IWC Scientific Committee, May 2014 (unpublished). 13pp. [L,NL-J](#)

Matsuoka, K., Hakamada, T. and Miyashita, T. 2014. Recent sightings of the North Pacific right (*Eubalaena japonica*) whales in the western North Pacific based on JARPN and JARPN II surveys (1994 to 2013). Paper SC/65b/BRG11 presented to the IWC Scientific Committee, May 2014 (unpublished). 8pp. [NL-J](#)

\*Murase, H., Hakamada, T., Matsuoka, K., Nishiwaki, S., Inagake, D., Okazaki, M., Tojo, N. and Kitakado, T. 2014. Distribution of sei whales (*Balaenoptera borealis*) in the subarctic–subtropical transition area of the western North Pacific in relation to oceanic fronts. *Deep Sea Research Part II: Topical Studies in Oceanography* 107: 22-28. [NL-J](#)

\*Nakamura, G., Kadowaki, I., Nagatuka, S., Fujise, Y., Kishiro, T. and Kato, H. 2014. Variation in a color pattern of white patch on the flippers of North Pacific common minke whales: Potential application for their interoceanic difference. *La mer* 52: 31-47. [L-J](#)

\*Nakamura, G. and Kato, H. 2014. Developmental changes in the skull morphology of common minke whales *Balaenoptera acutorostrata*. *Journal of Morphology* 275:1113-1121. [L-J](#)

\*Niimi, S., Imoto, M., Kunisue, T., Watanabe, M.X., Kim, E.Y., Nakayama, K., Yasunaga, G., Fujise, Y., Tanabe, S. and Iwata, H. 2014. Effects of persistent organochlorine exposure on the liver transcriptome of the common minke whale (*Balaenoptera acutorostrata*) from the North Pacific. *Ecotoxicology and Environmental Safety* 108: 95-105. [L-J](#)

\*&Rosel, P.E. and Wilcox, L.A. 2014. Genetic evidence reveals a unique lineage of Bryde’s whales in the northern Gulf of Mexico. *Endang Species Res.* 25: 19-34. [L-F](#)

Yasunaga, G., Bando, T., Itoh, N., Nakamura, G., Inoue, S., Miyakawa, N., Kadowaki, I., Takahashi, M., Fukumoto, A., Kitamura, K., Furuyama, Y., Kobayashi, N., Ohta, M., Sato, H., Kumagai, S., Sakamoto, N. and Kato, H. 2014. Cruise report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2013 (part II) -coastal component off Sanriku survey. Paper SC/65b/SP3 presented to the IWC Scientific Committee, May 2014 (unpublished). 20pp. [L,NL-J](#)

## [2015] (6)

Kanda, N., Matsuoka, K., Goto, M. and Pastene, L.A. 2015. Genetic study on JARPNII and IWC-POWER samples of sei whales collected widely from the North Pacific at the same time of the year. Paper SC/66a/IA8 presented to the IWC Scientific Committee, May-June 2015 (unpublished). 9pp. [L, NL-J](#)

\*Kitayama, C., Sasaki, M., Ishikawa, H., Mogoe, T., Ohsumi, S., Fukui, Y., Budipitojo, T., Kondoh, D. and Kitamura, N. 2015. Structure and functions of the placenta in common minke (*Balaenoptera acutorostrata*), Bryde’s (*B. brydei*) and sei (*B. borealis*) whales. *Journal of Reproduction and Development* 61 (5): 415-421. [L-J](#)

Mogoe, T., Bando, T., Ito, N., Nakamura, G., Hiruda, H., Oikawa, H., Isoda, T., Kumagai, S., Sato, H., Sakamoto, N., Miyagawa, N., Takahashi, M., Fukumoto, A., Ota, M., Furuyama, Y., Hirose, A., Kato, K., Hayashi, R., Yoshii, K., Yoshida, H. and Kato, H. 2015. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPNII) in 2014 - coastal component off Sanriku. Paper SC/66a/SP5 presented to the IWC Scientific Committee, May-June 2015 (unpublished). 17pp. [L, NL-J](#)

Mogoe, T., Tamura, T., Yoshida, H., Kishiro, T., Yasunaga, G., Bando, T., Konishi, K., Nakai, K., Kanda, N., Kitamura, T., Nakano, K., Katsumata, H., Handa, Y. and Kato, H. 2015. Preliminary report of efficiency and practicability of biopsy sampling, faecal sampling and prey species identification from genetic analyses in 2014, and work-plan for non-lethal research in JARPN II. Paper SC/66a/SP11

presented to the IWC Scientific Committee, May-June 2015 (unpublished). 12pp. [NL-J](#)

Tamura, T., Kanda, N., Nakai, K., Sakamoto, N., Okitsu, Y., Kato, K., Yoshii, K., Mori, M., Tsunekawa, M., Kawabe, S., Yamaguchi, F., Honma, H. and Ogawa, T. 2015. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPNII) in 2014 (part I) - offshore component. Paper SC/66a/SP6 presented to the IWC Scientific Committee, May-June 2015 (unpublished). 15pp. [L](#), [NL-J](#)

Yoshida, H., Ito, N., Kishiro, T., Miyashita, T., Nakai, K., Nakamura, G., Maeda, H., Ishida, K., Takahashi, M., Ota, M., Furuyama, Y., Kato, K., Hayashi, R., Hiruda, H., Kumagai, S., Sakamoto, N., Kimura, Y., Teshima, I. and Kato, H. 2015. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the western North Pacific (JARPNII) in 2014 (part III) - coastal component off Kuroshio. Paper SC/66a/SP7 rev2 presented to the IWC Scientific Committee, May-June 2015 (unpublished). 14pp. [L](#), [NL-J](#)

## 2016 [55]

Bando, T., Isoda, T., Nakai, K., Sato, H., Okitsu, Y., Tsunekawa, M., Fujii, K., Yamasaki, M., Honma, H. and Eguchi, H. 2016. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPNII) in 2015 (part I) - Offshore component. Paper SC/66b/SP2 presented to the IWC Scientific Committee, June 2016 (unpublished) 15pp. [L](#), [NL-J](#)

Bando, T. and Hakamada, T. 2016. Morphometric analysis on stock structure of the 'O' stock common minke whale in the western North Pacific. Paper SC/F16/JR41 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 10pp. [L-J](#)

Bando, T., Maeda, H., Ishikawa, Y., Kishiro, T. and Kato, H. 2016. Preliminary report on progress in earplug-based age determination of sei whales collected during 2002 to 2013 JARPNII survey. Paper SC/F16/JR55 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 3pp. [L-J](#)

Bando, T., Yasunaga, G., Tamura, T., Matsuoka, K., Murase, H., Kishiro, T. and Miyashita, T. 2016. Methodology and survey procedures under the JARPN II - offshore component - during 2008 to 2014 with special emphasis on whale sampling procedures. Paper SC/F16/JR4 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 14pp. [L](#), [NL-J](#)

Bando, T., Yoshida, H., Kishiro, T., Yasunaga, G., Mogoe, T., Konishi, K., Tamura, T., Fujise, Y. and Kato, H. 2016. Further information on sampling design of JARPNII. Paper SC/66b/SP4 presented to the IWC Scientific Committee, June 2016 (unpublished) 23pp. [L-J](#)

Goto, M., Yoshida, H. and Pastene, L.A. 2016. A note with an estimate of microsatellite genotyping error rate for common minke whales. Paper SC/66b/DNA1 presented to the IWC Scientific Committee, June 2016 (unpublished) 4pp.

Hakamada, T. and Matsuoka, K. 2016. The number of western North Pacific common minke, Bryde's and sei whales distributed in JARPNII offshore survey area. Paper SC/F16/JR12 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 13pp. [NL-J](#)

Hakamada, T. and Matsuoka, K. 2016. The number of blue, fin, humpback, North Pacific right whales in the western North Pacific in the JARPN II offshore survey area. Paper SC/F16/JR13 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 14pp. [NL-J](#)

Hakamada, T. and Matsuoka, K. 2016. The number of sperm whales in the western North Pacific in the JARPN II offshore survey area. Paper SC/F16/JR14 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 8pp. [NL-J](#)

Hakamada, T., Matsuoka, K., Kishiro, T. and Miyashita, T. 2016. The number of western North Pacific common minke whales (*Balaenoptera acutorostrata*) distributed in JARPNII coastal survey areas. Paper SC/F16/JR11 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 7pp. [NL-J](#)

\*Hirako, S., Suzuki, M., Kim, H., Iizuka, Y., Matsumoto, A., Wada, N., Okabe, M., Takenoya, F., Yasunaga, G., Yamanaka, S., Miyazaki, A. and Shioda, S. 2016. Hepatic lipid accumulation is ameliorated in obese KK mice by dietary sei whale oil. *Fish Sci* 82: 509-517. L-J

Ishii, M., Murase, H., Fukuda, Y., Sawada, K., Sasakura, T., Tamura, T., Bando, T., Matsuoka, K., Shinohara, A., Nakatsuka, S., Katsumata, N., Miyashita, K. and Mitani, Y. 2016. A short note on feeding behavior of sei whales observed in JARPNII. Paper SC/F16/JR25 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 9pp. NL-J

Isoda, T., Tamura, T., Konishi, K., Ohizumi, H. and Kubodera, T. 2016. Feeding habits of sperm whale (*Physeter macrocephalus*) in the western North Pacific in spring and summer. Paper SC/F16/JR26 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 13pp. L-J

Kishiro, T., Yoshida, H., Ito, N., Mogoe, T., Nakamura, G., Maeda, H., Miyakawa, N., Hirose, A., Ota, M., Kato, K., Hayashi, R., Yoshii, K., Kim, Y., Miyashita, T., Kumagai, S., Sato, H., Kimura, Y., Hiruda, H., Katsumata, T., Nakai, K. and Kato, H. 2016. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPNII) in 2015 (part III) - Coastal component off Kushiro. Paper SC/66b/SP3 presented to the IWC Scientific Committee, June 2016 (unpublished) 13pp. L, NL-J

Kishiro, T., Yoshida, H., Yasunaga, G., Bando, T., Mogoe, T. and Kato, H. 2016. Methodology and survey procedure under the JARPN II - coastal component of Sanriku and Kushiro -, during 2008 to 2014, with special emphasis on whale sampling procedures. Paper SC/F16/JR3 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 19pp. L, NL-J

Kitakado, T., Murase, H., Tamura, T. 2016. Predation impacts on sandlance population by consumption of common minke whales off Sanriku region. Paper SC/F16/JR29 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 10pp. L-J

Konishi, K. 2016. Analyses of body condition in sei, Bryde's and common minke whales in the western North Pacific with JARPN and JARPNII dataset. Paper SC/F16/JR27 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 39pp. L-J

Konishi, K., Isoda, T. and Tamura, T. 2016. Decadal change of feeding ecology in sei, Bryde's and common minke whales in the offshore of the Western North Pacific. Paper SC/F16/JR23 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 19pp. L, NL-J

Maeda, H., Bando, T., Kishiro, T., Kitakado, T. and Kato, H. 2016. Basic information of earplugs as age character of common minke whales in western North Pacific. Paper SC/F16/JR53 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 10pp. L-J

Matsuoka, K., Hakamada, T. and Miyashita, T. 2016. Methodology and procedure of the dedicated sighting surveys in JARPN II (2008 - 2013) - Offshore component -. Paper SC/F16/JR2 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 12pp. NL-J

Matsuoka, K., Hakamada, T. and Miyashita, T. 2016. Distribution of blue (*Balaenoptera musculus*), fin (*B. physalus*), humpback (*Megaptera novaeangliae*) and north Pacific right (*Eubalaena japonica*) whales in the western North Pacific based on JARPN and JARPN II surveys (1994 to 2014). Paper SC/F16/JR9 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 12pp. NL-J

Matsuoka, K., Hakamada, T., Honma, H., Yamazaki, M., Yasuaki, S., Abe, N. and Miyashita, T. 2016. Result of the Japanese dedicated cetacean sighting survey in the western North Pacific in 2015. Paper SC/66b/IA10 presented to the IWC Scientific Committee, June 2016 (unpublished) 13pp. NL-J

\*Miyakawa, N., Kishiro, T., Fujise, Y., Nakamura, G. and Kato, H. 2016. Sexual Dimorphism in Pelvic Bone Shape of the North Pacific Common Minke Whales (*Balaenoptera acutorostrata*). *Open Journal of Animal Science* 6: 131-136. L-J

Murase, H., Hakamada, T., Sasaki, H., Matsuoka, K. and Kitakado, T. 2016. Seasonal spatial distributions of common minke, sei and Bryde's whales in the JARPNII survey area from 2002 to 2013. Paper SC/F16/JR7 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 17pp. NL-J



Murase, H., Tamura, T., Hakamada, T., Watari, S., Okazaki, M., Kiyofuji, H., Yonezaki, S. and Kitakado, T. 2016. Ecosystem modelling in the western North Pacific from 1994 to 2013 using Ecopath with Ecosim (EwE) : some preliminary results. Paper SC/F16/JR28 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 69pp. [L](#), [NL-J](#)

\*Murase, H., Tamura, T., Otani, S. and Nishiwaki, S. 2016. Satellite tracking of Bryde's whales *Balaenoptera edeni* in the offshore western North Pacific in summer 2006 and 2008. *Fish Sci* 82: 35-45. [NL-J](#)

Mogoe, T., Ito, N., Isoda, T., Miyashita, T., Nakamura, G., Miyakawa, N., Kumagai, S., Sato, H., Okitsu, Y., Hiruda, H., Kobayashi, N., Katsumata, T., Ishida, K., Takahashi, M., Hirose, A., Ota, M., Kato, K., Hayashi, R., Yoshii, K. and Kato, H. 2016. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPNII) in 2015 (part II) - Coastal component off Sanriku. Paper SC/66b/SP6 presented to the IWC Scientific Committee, June 2016 (unpublished) 15pp. [L](#), [NL-J](#)

Mogoe, T., Tamura, T., Yoshida, H., Kishiro, T., Yasunaga, G., Bando, T., Kitamura, T., Kanda, N., Nakano, K., Katsumata, H., Handa, Y. and Kato, H. 2016. Field and analytical protocols for the comparison of using lethal and non-lethal techniques under the JARPNII with preliminary application to biopsy and faecal sampling. Paper SC/66b/SP8 presented to the IWC Scientific Committee, June 2016 (unpublished) 10pp. [L](#), [NL-J](#)

\*Nakamura, G., Kadowaki, I., Nagatsuka, S., Hayashi, R., Kanda, N., Goto, M., Pastene, L.A. and Kato, H. 2016. White Patch on the Fore-Flipper of Common Minke Whale, as a Potential morphological Index to Identify Stocks. *Open Journal of Animal Science* 6: 116-122. [L-J](#)

\*Ohishi, K., Bando, T., Abe, E., Kawai, Y., Fujise, Y. and Maruyama, T. 2016. Long-term and large-scale epidemiology of *Brucella* infection in baleen whales and sperm whales in the western North Pacific and Antarctic Oceans. *J. Vet. Med. Sci.* 78 (9): 1457-1464. [L-J](#)

Pastene, L.A., Goto, M. and Kitakado, T. 2016. A note on mismatch distributions of mtDNA control region sequences in baleen whales from the western North Pacific. Paper SC/F16/JR51 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 7pp.

Pastene, L.A., Goto, M., Taguchi, M. and Kitakado, T. 2016. Temporal and spatial distribution of the 'J' and 'O' stocks of common minke whale in waters around Japan based on microsatellite DNA. Paper SC/F16/JR38 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 14pp. [L-J](#)

Pastene, L.A., Goto, M., Taguchi, M. and Kitakado, T. 2016. Updated genetic analyses based on mitochondrial and microsatellite DNA indicated no sub-structure of the 'O' stock common minke whale in the western North Pacific. Paper SC/F16/JR40 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 19pp. [L-J](#)

Pastene, L.A., Goto, M., Taguchi, M. and Kitakado, T. 2016. Updated genetic analyses based on mtDNA and microsatellite DNA suggest possible stock differentiation of Bryde's whales between management sub-areas 1 and 2 in the North Pacific. Paper SC/F16/JR44 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 17pp. [L-J](#)

Pastene, L.A., Goto, M., Taguchi, M. and Kitakado, T. 2016. Genetic analyses based on mtDNA control region sequencing and microsatellite DNA confirmed the occurrence of a single stock of sei whales in oceanic regions of the North Pacific. Paper SC/F16/JR46 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 10pp. [L-J](#)

Pastene, L.A., Goto, M., Taguchi, M. and Kitakado, T. 2016. A note on the genetic diversity of sperm whales in the western North Pacific as revealed by mitochondrial and microsatellite DNA. Paper SC/F16/JR49 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 6pp. [L-J](#)

Pastene, L.A., Goto, M., Taguchi, M., Nishiwaki, S. and Kitakado, T. 2016. A note on the genetic diversity and phylogeny of western North Pacific and southern right whales based on mitochondrial and microsatellite DNA. Paper SC/F16/JR50 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 8pp. [NL-J](#)

Pastene, L.A., Goto, M. and Taguchi, M. 2016. Additional genetic analyses on stock structure in North Pacific Bryde's and sei whales. Paper SC/66b/SD1 presented to the IWC Scientific Committee, June 2016 (unpublished) 12pp. **L-J**

Sasaki, H., Murase, H., Kiwada, H., Matsuoka, K., Mitani, Y. and Saitoh, S. 2016. Habitat differentiation between sei (*Balaenoptera borealis*) and Bryde's whales (*B. brydei*) in the western North Pacific. Paper SC/F16/JR10 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 13pp. **NL-J**

Tamura, T., Kishiro, T., Bando, T., Yasunaga, G., Murase, H., Maeda, H., Kitakado, T. and Pastene, L.A. 2016. Response to the 'Report of the Expert Panel of the final review on the Western North Pacific Japanese Special Permit Program (JARPNII)'. Paper SC/66b/SP1 presented to the IWC Scientific Committee, June 2016 (unpublished) 18pp.

Tamura, T., Kishiro, T., Murase, H., Kitakado, T., Yasunaga, G., Morishita, J. and Pastene, L.A. 2016. A response to Document SC/F16/O1 "Observers Statement to the JARPN II Special Permit Expert Panel Final Review Workshop" by W. de la Mare, M. Double, and J. Mckinlay. Paper SC/F16/R1 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 6pp.

Tamura, T., Kishiro, T., Yasunaga, G., Murase, H., Kitakado, T. and Pastene, L.A. 2016. The Japanese Whale Research Program under Special Permit in the western North Pacific Phase-II (JARPN II): results and conclusions in the context of the three main objectives, and scientific considerations for future research. Paper SC/F16/JR1 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 68pp.

Tamura, T., Kishiro, T., Yoshida, H., Konishi, K. and Kato, H. 2016. Relationship between feeding habit and maturity status of common minke whale off Kushiro. Paper SC/F16/JR24 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 15pp. **L-J**

Tamura, T., Kishiro, T., Yoshida, H., Konishi, K., Yasunaga, G., Bando, T., Saeki, M., Onodera, K., Mitsuhashi, M., Yamashita, Y., Funamoto, T. and Kato, H. 2016. Updated prey consumption by common minke whales and interaction with fisheries in coastal areas. Paper SC/F16/JR17 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 47pp. **L-J**

Tamura, T., Konishi, K. and Isoda, T. 2016. Updated estimation of prey consumption by sei, Bryde's and common minke whales in the western North Pacific. Paper SC/F16/JR15 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 58pp. **L-J**

Tamura, T., Murase, H., Sasaki, H. and Kitakado, T. 2016. Preliminary attempt of spatial estimation of prey consumption by sei whales in the JARPNII survey area using data obtained from 2002 to 2013. Paper SC/F16/JR16 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 21pp. **L, NL-J**

Wada, A., Onodera, K., Saeki, M. and Tamura, T. 2016. Estimation of prey species biomass in the Sanriku region based on 2008 and 2009 JARPNII acoustic surveys. Paper SC/F16/JR19 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 12pp. **NL-J**

Yasunaga, G., Hakamada, T. and Fujise, Y. 2016. Update of the analyses on temporal trend of PCB levels in common minke whales from the western North Pacific for the period 2002 - 2014. Paper SC/66b/E7 presented to the IWC Scientific Committee, June 2016 (unpublished) 12pp. **L-J**

Yasunaga, G., Hakamada, T. and Fujise, Y. 2016. Update of the analyses on temporal trend of total Hg levels in three baleen whale species based on JARPN and JARPNII data for the period 1994-2014. Paper SC/66b/E8 presented to the IWC Scientific Committee, June 2016 (unpublished) 19pp. **L-J**

Yasunaga, G. and Fujise, Y. 2016. Temporal trend of Total Hg levels in three baleen whale species based on JARPNII data for the period 1994-2014. Paper SC/F16/JR30 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 14pp. **L-J**

Yasunaga, G. and Fujise, Y. 2016. Temporal trend of PCB levels in common minke whales from the western North Pacific for the period 2002-2014. Paper SC/F16/JR31 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 9pp. **L-J**

Yasunaga, G. and Fujise, Y. 2016. Accumulation features of POPs of baleen whales in the western North Pacific based on samples collected during the 2012 JARPNII survey. Paper SC/F16/JR32 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 12pp. [L-J](#)

Yasunaga, G. and Fujise, Y. 2016. Comparison of total Hg levels in O and J type stock of common minke whales based on JARPN II coastal samples collected in 2012 and 2013. Paper SC/F16/JR33 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 7pp. [L-J](#)

Yasunaga, G. and Fujise, Y. 2016. A note on POPs and Hg accumulation in sperm whale based on JARPNII samples collected during 2001 - 2013. Paper SC/F16/JR34 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 5pp. [L-J](#)

Yasunaga, G. and Fujise, Y. 2016. Status of I131, Cs134 and Cs137 in baleen and sperm whales from the western North Pacific during 2011-2015. Paper SC/F16/JR35 presented to the IWC SC JARPNII Review Workshop, February 2016 (unpublished) 6pp. [L-J](#)

## 2017 [17]

\*Bando, T., Nakamura, G., Fujise, Y. and Kato, H. 2017. Developmental changes in the morphology of western North Pacific Bryde's whales (*Balaenoptera edeni*). *Open Journal of Animal Sciences* 7: 344-355. [L-J](#)

Bando, T. and Kato, H. 2017. Report on progress in earplug-based age determination and estimation of biological parameters of Bryde's whales collected during 2000 to 2014 JARPN II surveys. Paper SC/M17/RMP3 presented to the Workshop on the Implementation Review of western North Pacific Bryde's whales, March 2017 (unpublished) 9pp. [L-J](#)

Bando, T., Konishi, K., Nakai, K., Sato, K., Yamagata, Y., Tsunekawa, M., Ueda, E., Moriyama, R., Mure, H. and Ogawa, T. 2017. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPN II) in 2016 (Part I) - Offshore component -. Paper SC/67a/SCSP4 presented to the IWC Scientific Committee, May 2017 (unpublished) 16pp. [L](#), [NL-J](#)

Hakamada, T., Takahashi, M., Matsuoka, K. and Miyashita, T. 2017. Abundance estimate for western North Pacific Bryde's whale by sub-areas based on IWC-POWER and JARPN II sighting surveys. Paper SC/M17/RMP2 presented to the Workshop on the Implementation Review of western North Pacific Bryde's whales, March 2017 (unpublished) 11pp. [NL-J](#)

\*Ishii, M., Murase, H., Fukuda, Y., Sawada, K., Sasakura, T., Tamura, T., Bando, T., Matsuoka, K., Shinohara, A., Nakatsuka, S., Katsumata, N., Okazaki, M., Miyashita, K. And Mitani, Y. 2017. Diving behavior of sei whales *Balaenoptera borealis* relative to the vertical distribution of their potential prey. *Mammal Study* 42: 1-9. [NL-J](#)

Kitakado, T. and Pastene, L.A. 2017. Addendum of the NEWREP-NP proposed revised research plan. Paper SC/67a/SCSP13 presented to the IWC Scientific Committee, May 2017 (unpublished) 57pp.

Matsuoka, K., Hakamada, T., Moriyama, R., Mure, H., Abe, N., Ohkoshi, C. and Miyashita, T. 2017. Result of the Japanese dedicated cetacean sighting survey in the western North Pacific in 2016. Paper SC/67a/ASI5 presented to the IWC Scientific Committee, May 2017 (unpublished) 12pp. [NL-J](#)

Matsuoka, K., Zharikov, K.A., Hakamada, T. and Miyashita, T. 2017. Sightings of the North Pacific right whales (*Eubalaena japonica*) in the western North Pacific (1982 to 2016). Paper SC/67a/NH7 presented to the IWC Scientific Committee, May 2017 (unpublished) 11pp. [NL-J](#)

Taguchi, M., Goto, M. and Pastene, L.A. 2017. A synthesis of the work conducted on stock structure of western North Pacific common minke whale in response to recommendations from the IWC Scientific Committee. Paper SC/67a/SDDNA5 presented to the IWC Scientific Committee, May 2017 (unpublished) 6pp.

Taguchi, M., Goto, M., Takahashi, M., Kitakado, T. and Pastene, L.A. 2017. DAPC analysis for Bryde's whales in the North Pacific using microsatellite DNA data. Paper SC/M17/RMP1 presented to the Workshop on the Implementation Review of western North Pacific Bryde's whales, March 2017 (unpublished) 7pp. [L-J](#)

Tamura, T., Kitakado, T. and Pastene, L.A. 2017. Progress report of the work conducted in response to JARPNII research recommendations by the IWC Scientific Committee. Paper SC/67a/SCSP9 presented to the IWC Scientific Committee, May 2017 (unpublished) 7pp.

Tamura, T., Kitakado, T. and Pastene, L.A. 2017. Progress report of the work responding recommendations from the JARPNII final review workshop. Paper SC/J17/JR2 Rev1 presented to the IWC/SC NEWREP-NP Review Workshop, January-February 2017 (unpublished) 50pp.

Tiedemann, R., Tiedemann, M.R., Goto, M., Taguchi, M. and Pastene, L.A. 2017. Finding parent-offspring pairs among western North Pacific common minke whales. Paper SC/67a/SDDNA1 presented to the IWC Scientific Committee, May 2017 (unpublished) 18pp. **L-F**

Yasunaga, G., Inoue, S., Yoshida, H. and Kitakado, T. 2017. Update of analyses on efficiency of biopsy sampling for sei, Bryde's and common minke whales, based on data and samples obtained during the 2014-2016 JARPNII surveys. Paper SC/67a/SCSP11 presented to the IWC Scientific Committee, May 2017 (unpublished) 10pp.

Yasunaga, G., Ito, N., Isoda, T., Nakamura, G., Hirose, A., Hayashi, R., Yoshii, K., Kim, Y., Akagi, M., Nakajo, K., Nishimura, F., Asano, Y., Ozaki, R., Katsumata, T., Yamada, R., Koizumi, C., Kumagai, S., Sato, H., Sakaguchi, M., Kanbayashi, J. and Kato, H. 2017. Cruise report of the second phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPNII) in 2016 - (Part II) - Coastal component off Sanriku. Paper SC/67a/SCSP3 presented to the IWC Scientific Committee, May 2017 (unpublished) 24pp. **L, NL-J**

Yasunaga, G., Mogoe, T., Tamura, T., Yoshida, H., Bando, T. and Kato, H. 2017. Results of the feasibility study on non-lethal techniques to address the key research objective of JARPN II, based on data and samples obtained in the period 2014-2016. Paper SC/J17/JR3 presented to the IWC/SC NEWREP-NP Review Workshop, January-February 2017 (unpublished) 38pp.

Yoshida, H., Shimetani, K., Maeda, H., Nakamura, G., Nakai, K., Inoue, S., Hirose, A., Hayashi, R., Akagi, M., Nakajyo, K., Nishimura, F., Asano, H., Fukami, S., Kanbayashi, J., Kuwagaki, A., Miyashita, T., Minamikawa, S., Kanaji, Y., Sasaki, H., Yamada, R., Kakinuma, A. and Kato, H. 2017. Cruise Report of the Second Phase of the Japanese Whale Research Program under Special Permit in the Western North Pacific (JARPNII) in 2016 (Part III) - Coastal component off Kushiro -. Paper SC/67a/SCSP7 presented to the IWC Scientific Committee, May 2017 (unpublished) 15pp. **L, NL-J**

## Appendix 2

# Draft Protocol for access to samples/data from the Institute of Cetacean Research (ICR), Tokyo, Japan under Procedure B (JCRM 6 (suppl.): 56-7)

### INTRODUCTION

This protocol has been developed in the context of Procedure B of the IWC Scientific Committee's rules for data availability adopted at the 55th Annual Meeting (*Journal of Cetacean Research and Management* 6 (suppl.): in press). Procedure B applies to data required for analyses deemed important in providing advice to the Committee other than catch limits. Conditions for data recipients (repeated below) as specified in the rules for data availability are applicable.

It was agreed that the Committee shall specify the nature of the work and the data required during the meeting at which the recommendation is made, to the fullest extent possible in the time available at the meeting and in accord with the published protocol. Requests to the ICR for data under Procedure B of the Scientific Committee's rules for data availability shall be submitted by the Data Availability Group assisted by a nominated member of ICR.

It was also agreed that if the correct process is followed, the data owners will normally approve the applications within a 'specified time period'; in this case ICR agrees that it will respond within 2 weeks of receiving an application.

### FORMAT OF THE APPLICATION

The format for the application is based on the revised application for catch-at-age analyses agreed by all members of the Scientific Committee at the end of the Scientific Committee meeting in 2003 (Annex G, Appendix 11).

- (a) *Title* of the proposal, giving the broad subject of the proposed analyses.
- (b) *Investigators*: the full name and affiliation of the principal investigator(s) and co-investigator(s) should be provided. This should include at least one scientist from ICR.
- (c) *Objectives and rationale of the study* as specified by the by the Scientific Committee along with the appropriate reference to the report(s) of the Scientific Committee. This will include the reasons why the proposed analyses are important and how they fit into previous work.
- (d) *Data to be used* will include a general description of all data to be used as well as data held by ICR. For the ICR-held data, the precise requirements will be given, including the level of disaggregation.
- (e) *Description of the methods* likely to be used. The level of detail must be in accordance with the level of novelty of the proposed methods and the particular research questions they will address. References to similar analyses should be included where available.
- (f) *Schedule of the work*: this should include estimated times for the various analyses to be carried out and an indication of which investigators will collaborate on individual components. If the project is a long-term project, annual progress reports will be required by ICR and the Scientific Committee.
- (g) *Output of the research*: this will follow the rules for publication agreed at the Scientific Committee meeting and given below. ICR may consider requests for less stringent conditions (e.g. presentations at non-IWC scientific meetings, publications, etc.). Such requests should be detailed here.

## CONSIDERATION OF THE PROPOSAL

If an application has been approved by the whole Scientific Committee at an annual meeting, it will normally be approved by ICR. However, the final decision will always remain the prerogative of ICR. ICR may request reviews by an internal review group and/or external experts. The following factors will be taken in to account by ICR when considering applications.

- (a) *Priority*: highest priority for analysis/research of samples/data produced by Japan's Whale Research Programs under Special Permit, will be for the scientists that collected and obtained the data in any particular field.
- (b) *Suitability of the requested data in the context of the proposed methods and the objectives of the research.*
- (c) *Level of co-operation with ICR scientists.*

The response to an application for data will be communicated by the ICR's Director General to the Data Availability Group and may include requests for further information. If the research proposal is accepted, ICR will nominate a scientist, (normally one of the co-investigators) who shall be responsible for making the necessary arrangements to provide the required samples/data.

### **Agreed Scientific Committee conditions for data recipients**

Applications deemed suitable under Procedure A or Procedure B below are granted under the following conditions:

- (1) Data shall not be transmitted to third parties.
  - (2) Papers may only be submitted to a Committee meeting in accordance with the time restrictions given below. Such papers must not include the raw data or the data in a form in more detail than is necessary to understand the analysis.
  - (3) Papers must carry a restriction on citation except in the context of IWC meetings.
  - (4) Data owners are offered co-authorship.
  - (5) Publication rights remain strictly with the data owner.
  - (6) Data shall be returned, to the Secretariat or the data owner as appropriate, immediately after the meeting at which the paper is submitted and any copies destroyed, unless an extension is granted.
  - (7) Data requesters sign a form agreeing to the above conditions. Such forms will be held by the data owner and the Secretariat. In the case of Procedure B, the Data Availability Group will sign the agreement on the Committee's behalf and ensure that the conditions of any agreement are met by any individual scientists involved in the analysis.
- (8) In the event of a breach of the conditions in (6), serious sanctions [to be determined] will apply.