Appendix 1

List of scientific papers based on data and samples collected by JARPN and JARPN II (peer-reviewed papers and unpublished documents submitted to the IWC/Scientific Committee).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 JARPN II 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 Paper SC/46/SH14 presented to the IWC Scientific Committee, May 1994 (unpublished). 11pp.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 Paper SC/47/NP5 presented to the IWC Scientific Committee, May 1995 (unpublished). 9pp.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 Paper SC/47/NP6 presented to the IWC Scientific Committee, May 1995 (unpublished). 9pp.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 Paper SC/47/NP3 presented to the IWC Scientific Committee, May 1995 (unpublished). 29pp.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

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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

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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

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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. *Fisheries Science* 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)
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*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

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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

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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

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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

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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

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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

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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

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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

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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).

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*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

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