

Contents

Editorial	iii
Reports	
REPORT OF THE WORKSHOP ON CHEMICAL POLLUTION AND CETACEANS	1
B. CLAUSEN – Practical guidelines for postmortem examination and tissue sampling of cetaceans for ecotoxicological purposes	43
PROPOSAL TO THE IWC ON FURTHERING THE RECOMMENDATIONS OF THE POLLUTION WORKSHOP	47
PLANNING WORKSHOP TO DEVELOP A PROGRAMME TO INVESTIGATE POLLUTANT CAUSE-EFFECT RELATIONSHIPS IN CETACEANS: 'POLLUTION 2000+'	55
Papers	
A. AGUILAR, A. BORRELL AND T. PASTOR – Biological factors affecting variability of persistent pollutant levels in cetaceans.....	83
D.B. PEAKALL – Biomarkers as pollution indicators with special reference to cetaceans.....	117
D. BOWLES – An overview of the concentrations and effects of metals in cetacean species	125
A. BORRELL AND P.J.H. REIJNDERS – Summary of temporal trends in pollutant levels observed in marine mammals.....	149
P.D. JONES, D.J. HANNAH, S.J. BUCKLAND, T. VAN MAANEN, S.V. LEATHEM, S. DAWSON, E. SLOOTEN, A. VAN HELDEN AND M. DONOGHUE – Polychlorinated dibenzo-p-dioxins, dibenzofarans and polychlorinated biphenyls in New Zealand cetaceans	157
V.G. COCKCROFT – Organochlorine levels in cetaceans from South Africa: a review	169
J. HENRY AND P. BEST – A note on concentrations of metals in cetaceans from southern Africa.....	177
A. BORRELL AND A. AGUILAR – A review of organochlorine and metal pollutants in marine mammals from Central and South America	195
A. BROUWER – Induction of biotransformation enzymes by polyhalogenated aromatic hydrocarbons (PHAHs): potential impact on animal physiology and health ..	209
D. BUSBEE, I. TIZARD, J. STOTT AND D. FERRICK – Environmental pollutants and marine mammal health: the potential impact of hydrocarbons and halogenated hydrocarbons on immune system dysfunction	223
D. MARTINEAU, S. LAIR, S. DE GUISE, T.P. LIPSCOMB AND P. BÉLAND – Cancer in beluga whales from the St Lawrence Estuary, Quebec, Canada: A potential biomarker of environmental contamination.....	249
S. KENNEDY – Morbilliviral infections in marine mammals.....	267