

Contents

Editorial	iii
REPORTS	
REPORT OF THE WORKSHOP ON THE COMPREHENSIVE ASSESSMENT OF RIGHT WHALES: A WORLDWIDE COMPARISON	1
REPORT OF THE WORKSHOP ON STATUS AND TRENDS OF WESTERN NORTH ATLANTIC RIGHT WHALES	61
SPECIES STUDIES	
Southern right whales	
<i>Australia</i>	
S.R. BURNELL - Aspects of the reproductive biology, movements and site fidelity of right whales off Australia ..	89
J. BANNISTER - Status of southern right whales (<i>Eubalaena australis</i>) off Australia	103
<i>New Zealand</i>	
N.J. PATENAUME and C.S. BAKER - Population status and habitat use of southern right whales in the sub-Antarctic Auckland Islands of New Zealand	111
R. STEWART and B. TODD - A note on observations of southern right whales at Campbell Island, New Zealand...	117
N.J. PATENAUME, B. TODD and R. STEWART - A note on movements of southern right whales between the sub-Antarctic Auckland and Campbell Islands, New Zealand	121
<i>Argentina</i>	
J.G. COOKE, V.J. ROWNTREE and R.S. PAYNE - Estimates of demographic parameters for southern right whales (<i>Eubalaena australis</i>) observed off Península Valdés, Argentina	125
V.J. ROWNTREE, R.S. PAYNE and D.M. SCHELL - Changing patterns of habitat use by southern right whales (<i>Eubalaena australis</i>) on their nursery ground at Península Valdés, Argentina, and in their long-range movements ..	133
M. RIVAROLA, C. CAMPAGNA and A. TAGLIORETTE - Demand-driven commercial whalewatching in Península Valdés (Patagonia): conservation implications for right whales	145
<i>Brazil</i>	
M.C. DE OLIVEIRA SANTOS, S. SICILIANO, S.P. DE SOUZA and J.L. ALTAYER PIZZORNO - Occurrence of southern right whales (<i>Eubalaena australis</i>) along southeastern Brazil	153
A.B. GREIG, E.R. SECCHI, A.N. ZERBINI and L. DALLA ROSA - Stranding events of southern right whales, <i>Eubalaena australis</i> , in southern Brazil	157
<i>South Africa</i>	
P.B. BEST, A. BRANDÃO and D.S. BUTTERWORTH - Demographic parameters of southern right whales off South Africa	161
P.B. BEST, V.M. PEDDEMORS, V.G. COCKCROFT and N. RICE - Mortalities of right whales and related anthropogenic factors in South African waters, 1963-1998	171
<i>Madagascar</i>	
H.C. ROSENBAUM, Y. RAZAFINDRAKOTO, J. VAHOAVY and C. POMILLA - A note on recent sightings of southern right whales (<i>Eubalaena australis</i>) along the east coast of Madagascar	177
<i>Namibia</i>	
J.-P. ROUX, P.B. BEST and P.E. STANDER - Sightings of southern right whales (<i>Eubalaena australis</i>) in Namibian waters, 1971-1999	181
North Atlantic right whales	
R.R. REEVES - Overview of catch history, historic abundance and distribution of right whales in the western North Atlantic and in Cintra Bay, West Africa	187

A.R. KNOWLTON and S.D. KRAUS - Mortality and serious injury of northern right whales (<i>Eubalaena glacialis</i>) in the western North Atlantic Ocean	193
R.D. KENNEY - Anomalous 1992 spring and summer right whale (<i>Eubalaena glacialis</i>) distributions in the Gulf of Maine	209
C.A. MAYO, B.H. LETCHER and S. SCOTT - Zooplankton filtering efficiency of the baleen of a North Atlantic right whale, <i>Eubalaena glacialis</i>	225
S.D. KRAUS, P.K. HAMILTON, R.D. KENNEY, A.R. KNOWLTON and C.K. SLAY - Reproductive parameters of the North Atlantic right whale	231
S.D. KRAUS and J.J. HATCH - Mating strategies in the North Atlantic right whale (<i>Eubalaena glacialis</i>)	237
M.W. BROWN, S. BRAULT, P.K. HAMILTON, R.D. KENNEY, A.R. KNOWLTON, M.K. MARX, C.A. MAYO, C.K. SLAY and S.D. KRAUS - Sighting heterogeneity of right whales in the western North Atlantic: 1980-1992	245
R.D. KENNEY, C.A. MAYO and H.E. WINN - Migration and foraging strategies at varying spatial scales in western North Atlantic right whales	251
North Pacific right whales	
J.E. SCARFF - Preliminary estimates of whaling-induced mortality in the 19 th century North Pacific right whale (<i>Eubalaena japonicus</i>) fishery, adjusting for struck-but-lost whales and non-American whaling	261
R.L. BROWNELL, P.J. CLAPHAM, T. MIYASHITA and T. KASUYA - Conservation status of North Pacific right whales	269
R.G. LEDUC, W.L. PERRYMAN, J.W. GILPATRICK, JR., J. HYDE, C. STINCHCOMB, J.V. CARRETTA and R.L. BROWNELL, JR. - A note on recent surveys for right whales in the southeastern Bering Sea	287
TECHNIQUES	
L. HIBY and P. LOVELL - A note on an automated system for matching the callosity patterns on aerial photographs of southern right whales	291
S.R. BURNELL and D. SHANAHAN - A note on a prototype system for simple computer-assisted matching of individually identified southern right whales, <i>Eubalaena australis</i>	297
M.J. MOORE, C.A. MILLER, M.S. MORSS, R. ARTHUR, W.A. LANGE, K.G. PRADA, M.K. MARX and E.A. FREY - Ultrasonic measurement of blubber thickness in right whales	301
Index	ix