

FACULTATIVE FRESHWATER CETACEANS OF ASIA: THEIR ECOLOGY AND CONSERVATION

Editors:

Thomas A. Jefferson and Brian D. Smith

CONTENTS

Preface. Thomas A. Jefferson and Brian D. Smith	1
Preliminary analysis of geographic variation in cranial morphometrics of the finless porpoise (<i>Neophocaena phocaenoides</i>). Thomas A. Jefferson	3
Geographical variation in skull morphology of the Irrawaddy dolphin, <i>Orcaella brevirostris</i> (Owen in Gray, 1866). Isabel Beasley, Peter Arnold and George Heinsohn	15
Population structure of finless porpoises (<i>Neophocaena phocaenoides</i>) in coastal waters of Japan. Hideyoshi Yoshida	35
Distribution and abundance of finless porpoises in Hong Kong and adjacent waters of China. Thomas A. Jefferson, Samuel K. Hung, Lawman Law, Mientje Torey and Nick Tregenza	43
Abundance decline in the finless porpoise population in the inland sea of Japan. Toshio Kasuya, Yoshiteru Yamamoto and Tomoe Iwatsuki	57
Status of Irrawaddy dolphins <i>Orcaella brevirostris</i> in the upper reaches of the Ayeyarwady River, Myanmar. Brian D. Smith and Larry Hobbs	67
The status of the Irrawaddy dolphin, <i>Orcaella brevirostris</i> , in Songkhla Lake, Southern Thailand. Isabel Beasley, Somserm Chooruk and Nitikorn Piwpong	75
Density and abundance of the Irrawaddy dolphin, <i>Orcaella brevirostris</i> , in the Mahakam River of East Kalimantan, Indonesia: A comparison of survey techniques. Danielle Kreb	85
Observations on behavior and ecology of the Yangtze finless porpoise (<i>Neophocaena phocaenoides asiaeorientalis</i>) group at Tian-e-Zhou Oxbow of the Yangtze River. Wei Zhuo, Wang Ding, Kuang Xinan, Wang Kexiong, Wang Xiaoqiang, Xiao Jiangqiang, Zhao Qingzhong and Zhang Xianfeng	97
Growth and reproduction of the finless porpoise in Southern China. Thomas A. Jefferson, Kelly M. Robertson and John Y. Wang	105
Food habits of finless porpoises (<i>Neophocaena phocaenoides</i>) in Hong Kong waters. Nélio B. Barros, Thomas A. Jefferson and E.C.M. Parsons	115
Surface and dive times of finless porpoises in Hong Kong's coastal waters. Isabel Beasley and Thomas A. Jefferson	125
Acoustic signals from free-ranging finless porpoises (<i>Neophocaena phocaenoides</i>) in the waters around Hong Kong. John C. Goold and Thomas A. Jefferson	131

Contents

Distribution of Irrawaddy dolphins, <i>Orcaella brevirostris</i> , in Australian waters. Guido J. Parra, Chieko Azuma, Anthony R. Preen, Peter J. Corkeron and Helene Marsh	141
Preliminary report on a small estuarine population of Irrawaddy dolphins <i>Orcaella brevirostris</i> in the Philippines. Ma. Louella L. Dolar, William F. Perrin, Joe Pres Gaudiano, Arnel Andrew S. P. Yaptinchay and Jose Ma. Lorenzo Tan	155
Mortality and morbidity of Hong Kong finless porpoises, with emphasis on the role of environmental contaminants. Thomas A. Jefferson, Barbara E. Curry and Reimi Kinoshita	161
Status and conservation of facultative freshwater cetaceans in Asia. Brian D. Smith and Thomas A. Jefferson	173