

CONTENTS

Preface	1
Contents	3
Program for the Third International Symposium on Manila (asari) clam	5
Contributed Papers and Abstracts	
Outline of the third international symposium on Manila (asari) clam (Satoshi Watanabe and Junya Higano)	7
Stocks and fisheries of asari in Japan (Mitsuharu Toba, Yutaka Kobayashi, Jun Kakino, Hiroshi Yamakawa, Ryo Ishii and Ryu Okamoto).....	9
Perkinsus (Lester and Davis 1981) infection in the Manila clam (<i>Ruditapes philippinarum</i>) in Korea; species identification, impacts and spatio-temporal distribution (Kwang-Sik Choi and Tsukasa Waki).....	23
Development of Manila clam industry in China (Fang Jianguang)	29
Asari clam in France: 1972-2015 (Xavier de Montaudouin, Isabelle Arzul, Nathalie Caill-Milly, Alice Khayati, Jean-Michel Labrousse, Céline Lafitte, Christine Paillard, Philippe Soudant and Philippe Gouletquer).....	35
Manila clam introduction in the Sacca di Goro Lagoon (Northern Italy): ecological and economic implications (Marco Bartoli, Giuseppe Castaldelli, Daniele Nizzoli, Elisa A. Fano, and Pierluigi Viaroli)	43
Status of Manila clam, <i>Ruditapes philippinarum</i> , culture and fisheries on the West coast of North America (Brian C. Kingzett).....	53
Mapping the stranger: genetic diversity of Manila clam in European coastal lagoons (Stefania Chiesa, Livia Lucentini, Rosa Freitas, Francesco Nonnis Marzano, Silvia Breda, Etelvina Figueira, Nathalie Caill-Milly, Roger J.H. Herbert, Amadeu M.V.M. Soares and Emanuele Argese).....	55
An a-priori evaluation model for restoration of fisheries population of the Manila clam and a countermeasure example (Hisami Kuwahara, Ryogen Nambu, Junya Higano, Satoshi Watanabe, Natsuki Hasegawa, Yoshimi Fujioka, Yuka Ishihi, Kazuhiro Hanyu, Dai Miyawaki, Yoshio Tanaka, Masayuki Saito, Tomoaki Kudo and Hiroshi Okamoto).....	67
Abstracts of Poster Presentations	
List of presentations	75
Abstracts of poster presentations	79
Workshop on Manila (asari) clam	
Program.....	105
Country reports	
Canada (Brian Kingzett).....	107
China (Jian-Guang Fang)	111
France (Xavier de Montaudouin)	113
Italy (Marco Bartoli)	115

Japan (Natsuki Hasegawa, Satoshi Watanabe, Junya Higano and Mitsuharu Toba)	117
Korea (Kyung-Il Park and Kwang-Sik Choi)	119
Portugal (Stefania Chiesa, Paula Chainho, and Francisco Ruano)	121
Turkey (Serpil Serdar)	125