

京都府立海洋センター研究報告

第 31 号

目 次

透明波板放流器を用いたクロアワビ種苗の放流技術……………	白藤徳夫, 西垣友和, 八谷光介, 和田洋藏, 竹野功璽	1
若狭湾西部海域におけるイシモズクの着生時期……………	山本圭吾, 西垣友和, 遠藤 光, 竹野功璽	7
イワガキ種苗生産における生殖腺漏出液を用いた産卵誘発法……………	田中雅幸, 今西裕一, 藤原正夢	11
(短 報)		
イワガキ早期種苗生産のための親貝加温飼育の有効性……………	田中雅幸, 今西裕一, 藤原正夢	15
(抄 録)		
Floating period of sargassacean thalli estimated by the change in density……………	Kousuke Yatsuya	19
舞鶴湾におけるアキヨレモク群落の動態……………	八谷光介	19
鋼製魚礁を用いたイワガキの浮体式養殖法……………	白藤徳夫, 和田洋藏, 西垣友和, 八谷光介, 竹野功璽	19
京都府沿岸におけるホンダワラ科海藻の炭素・窒素・リン含有量の季節変化……………	八谷光介, 西垣友和, 道家章生, 和田洋藏	19
Differences in growth of young Japanese flounder <i>Paralichthys olivaceus</i> in two semi-enclosed bays of the Sea of Japan, Kyoto ……………	Koji Takeno, Yuichi Hamanaka and Isao Okano	20

BULLETIN OF THE KYOTO INSTITUTE OF OCEANIC AND FISHERY SCIENCE

NO.31

CONTENTS

Originals

Release method of abalone *Haliotis discus discus* seeds using transparent corrugated sheets

.....Norio Shirafuji, Tomokazu Nishigaki, Kousuke Yatsuya, Yozo Wada and Koji Takeno 1

The Settlement Period of Sporophytes of *Sphaerotrichia divaricata* (Phaeophyta, Chordariales) in Western Wakasa Bay, Japan

.....Keigo Yamamoto, Tomokazu Nishigaki, Hikaru Endo and Koji Takeno 7

Method for Inducing Spawning Using Gonadal Transudate of Iwagaki Oyster, *Crassostrea nippona*, in Seed Production

.....Masayuki Tanaka, Yuichi Imanishi and Masamu Fujiwara 11

Short Paper

Rearing for Adult Iwagaki Oyster, *Crassostrea nippona*, Under Thermal Condition in Early Seed Production

.....Masayuki Tanaka, Yuichi Imanishi and Masamu Fujiwara 15

Excerpt

Floating period of sargassacean thalli estimated by the change in density.....Kousuke Yatsuya 19

Population dynamics of *Sargassum autumnale* Yoshida in Maizuru Bay, Sea of Japan.....Kousuke Yatsuya 19

Submerged suspension culture system of iwagaki oyster *Crassostrea nippona* using an artificial steel reef

.....Norio Shirafuji, Yozo Wada, Tomokazu Nishigaki, Kousuke Yatsuya and Koji Takeno 19

Seasonal changes in carbon, nitrogen, and phosphorus contents of some sargassacean species in the coastal areas of Kyoto

Prefecture, Sea of Japan.....Kousuke Yatsuya, Tomokazu Nishigaki, Akio Douke and Yozo Wada 19

Differences in growth of young Japanese flounder *Paralichthys olivaceus* in two semi-enclosed bays of the Sea of Japan, Kyoto

.....Koji Takeno, Yuichi Hamanaka and Isao Okano 20