

**THE BULLETIN  
OF THE  
GRADUATE SCHOOL  
OF BIORESOURCES MIE UNIVERSITY**

**No. 43  
March, 2017**

**CONTENTS**

**Original Article**

- Shunsuke ICHIKAWA, Toshiyuki ITO, Kazuho ISOZAKI, Shuichi KARITA:  
Engineering of *Clostridium thermocellum* for Heterologous Gene Expression and Secretion ..... 1
- Heidi KAJIYAMA, Takeshi TORIMARU, Hiromitsu KISANUKI:  
Comparison of floral phenology and floral morphology between  
native *Ligustrum japonicum* and exotic *Ligustrum lucidum* ..... 9
- Yoshihiro IJIMA, Kentaro AIDA, Jun ASANUMA, Mamoru ISHIKAWA, Hiroyuki IWASAKI,  
Takeshi OHTA, Ayumi KOTANI, Tomonori SATO, Masato SHINODA, Konosuke SUGIURA,  
Hotaek PARK, Tetsuya HIYAMA, Naohiko HIRASAWA, Yuki KANEKO, Masahiro HORI,  
Purevjav GOMBOLUDEV, Dambaravjaa OYUNBAATAR:  
Implementation of North-eastern Eurasia PMM Terrestrial  
UNited validation Experiment (NEPTUNE) ..... 15
- Yukio IWATSUKI, Hayato NAGINO, Fumiya TANAKA, Hidetoshi WADA, Kei TANAHARA,  
Masaaki WADA, Hiroyuki TANAKA, Koichi HIDAHA, Seishi KIMURA:  
Annotated Checklist of Marine and Freshwater Fishes  
in the Hyuga Nada Area, Southwestern Japan ..... 27

**Report**

- Junya OKUMURA, Yoichi MAEKAWA, Toru NAKAMURA, Karin OKADA:  
Symposium report on "Promotion of joint-use base business  
by SEISUIMARU and Future Development" ..... 57
- Titles of Doctor and Master Theses from the Graduate School of Bioresources of Mie University,  
July 2015 to March 2016 ..... 61
- Title of Bachelor Theses from the Faculty of Bioresources of Mie University, 2016 year ..... 81
- Publication Lists of Our Faculty Members Published in the Fiscal Year of 2015  
(April 2015-March 2016) ..... 92