



Preface

The Fourth Special Issue of The Horticulture Journal—Reproductive Biology of Fruit and Nut Tree Crops—

.....C. Honsho and T. Esumi 129

Special Issue: Review

Apple MAD5 Genes are Involved in Parthenocarp and Floral Organ Formation

.....N. Tanaka and M. Wada 131

Special Issue: Original Articles

Insights into the Physiological and Molecular Mechanisms Underlying Highbush Blueberry Fruit Growth Affected by the Pollen Source

.....K. Nagasaka, H. Yamane, S. Nishiyama, S. Ebihara, R. Matsuzaki, M. Shoji and R. Tao 140

Impact of Temperatures During Fruit Development on Fruit Growth Rate and Qualities of 'KU-PP2' Peach

.....P. Sikhandakasmitta, I. Kataoka, R. Mochioka and K. Beppu 152

Characterization of Tissue-specific Transcriptomic Responses to Seedlessness Induction by Gibberellin in Table Grape

.....S. Nishiyama, D. Yoshimura, A. Sato and K. Yonemori 157

Original Articles

Effects of Lateral or Secondary Induced Shoot Use on Number of Bunches and Fruit Quality in Forcing Cultivation by Current Shoot Cutting and Flower Cluster Removal to Shift Grape Ripening to a Cooler Season

.....M. Kishimoto, T. Yamamoto and Y. Kobayashi 169

Characterization of the 5-enolpyruvylshikimate-3-phosphate Synthase Gene from Walnut (*Juglans regia* L.)

.....B. Hu, F. Sheng, Q. Jin, J. Wang, C. Wu, W. Chen and Z. Luo 176

Retardation of Endogenous ABA Synthesis by NDGA in Leaves Affects Anthocyanin, Sugar, and Aroma Volatile Concentrations in 'Kyoho' Grape Berries

.....T. Saito, H. Tomiyama, M. Ishioka, N. Hashimoto, S. Thunyamada, K. Ohkawa, H. Ohara, H. Ikeura and S. Kondo 186

Nonlinear Multivariate Prediction Model of 'Kyoho' Grape Full Bloom Dates in Japan

.....C. Iwasaki, H. Sugiura, G. Kikui and H. Koyano 195

Off-flavor and Loss of Aroma in Young Coconut Fruit During Cold Storage are Associated with the Expression of Genes Derived from the LOX Pathway and *Badh2*

.....K. Meethaworn, W. Imsabai, B. Zhang, K. Chen and J. Siriphanich 209

Physiological Investigation of Quantitative Traits for Fruit Mass Assessment Using a Tomato Introgression Line

.....H. Yada, C. Matsumoto, X. Xie, K. Kato and H. Ikeda 221

Flavonoid 3',5'-Hydroxylase (*F3'5'H*) Gene Polymorphisms Co-segregate with Variation in Anthocyanin Composition in the Flower Petals of Lisianthus [*Eustoma grandiflorum* (Raf.) Shinn.]

.....Y. Takatori, K. Shimizu, D. Yauwapaksopon, Y. Nakamura, H. Oshima and F. Hashimoto 229

Corrigendum

Announcement of Revision 240

Author Instructions 241