JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE

VOL. 137, NO. 6		Contents	November 2012
	Developmental Physiology	427	 Trait Diversity and Potential for Selection Indices Based on Variation Among Regionally Adapted Processing Tomato Germplasm Heather L. Merk, Shawn C. Yarnes, Allen Van Deynze, Nankui Tong, Naama Menda, Lukas A. Mueller, Martha A. Mutschler, Steven A. Loewen, James R. Myers, and David M. Francis Molecular Authentication of <i>Dendrobium</i> Species by Multiplex Polymerase Chain Reaction and Amplification Refractory Mutation System Analysis
367	Studies on Water Transport through the Sweet Cherry Fruit Surface: XII. Variation in Cuticle Properties amo Cultivars Stefanie Peschel and Moritz Knoche	ong	
376	Composition and Emission Rhythm of Floral Scent Version Eight Lily Cut Flowers Ying Kong, Ming Sun, Hui-tang Pan, and Qi-xiang	438	
383	Stress and Strain in the Sweet Cherry Skin Eckhard Grimm, Stefanie Peschel, Tobias Becker, and Moritz Knoche		Chu-Hui Chiang, Tsong-Ann Yu, Shu-Fang Lo, Chao-Lin Kuo, Wen-Huang Peng, and Hsin-Sheng Tsay
	Environmental Stress Physiology	445	Biotypic Diversity and Resistance to the Raspberry Aphid Amphorophora agathonica in Pacific Northwestern North America Michael Dossett and Chaim Kempler
391	Proteomic Responses during Cold Acclimation in Ass with Freezing Tolerance of Velvet Bentgrass Tatsiana Espevig, Chenping Xu, Trygve S. Aamlid Michelle DaCosta, and Bingru Huang		Main and Epistatic Quantitative Trait Loci Associated with Seed Size in Watermelon Jason Prothro, Katherine Sandlin, Hussein Abdel-Haleem, Eleni Bachlava, Victoria White, Steven Knapp, and Cecilia McGregor
400	Characterizing Concentration Effects of Exogenous Abscisic Acid on Gas Exchange, Water Relations, and Growth of Muskmelon Seedlings during Water St and Rehydration Shinsuke Agehara and Daniel I. Leskovar	458 tress	A Method for Breeding New Cultivars of Machine-harvested Raspberries with High Yield M. Joseph Stephens, Peter A. Alspach, Ron A. Beatson, Chris Winefield, and Emily J. Buck
411	Metabolic Responses of Hybrid Bermudagrass to Short-te and Long-term Drought Stress Hongmei Du, Zhaolong Wang, Wenjuan Yu, and Bingru Huang	rt-term	Photosynthesis; Source-Sink Physiology
		465	Photosynthetic Light Requirements and Effects of Low Irradiance and Daylength on <i>Phalaenopsis amabilis</i> Woei-Jiun Guo, Yu-Zu Lin, and Nean Lee
	Genetics and Breeding		Postharvest Biology
421	Physiological Race Characterization of <i>Phytophthora</i> Isolates from Several Host Plant Species in Brazil Usi New Mexico Recombinant Inbred Lines of <i>Capsicum</i> at Two Inoculum Levels Cláudia S. da Costa Ribeiro and Paul W. Bosland	ng 473	Role of Membrane Lipid Peroxidation, Enzymatic and Non-enzymatic Antioxidative Systems in the Development of Chilling Injury in Japanese Plums Sukhvinder Pal Singh and Zora Singh