

TABLAS DE CONTENIDO DICIEMBRE 1 AL 15 DE 2012

CROP BREEDING AND APPLIED BIOTECHNOLOGY Vol. 12(3). 2012

JOURNAL OF ECONOMIC ENTOMOLOGY Vol. 105(5). 2012

JOURNAL OF NEMATOLOGY Vol. 44(3). 2012

PHYTOPATHOLOGY Vol. 102(11). 2012

PLANT CELL Vol. 24(8). 2012

PLANT PHYSIOLOGY Vol. 160(2). 2012

SCIENTIA AGRARIA 10(2). 2009

SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Vol. 76(5). 2012

CROP BREEDING AND APPLIED BIOTECHNOLOGY Vol. 12(3). 2012

Pinheiro, Thiago Martins; Araújo, Leila Garcês de; et al. Tagging microsatellite marker to a blast resistance gene in the irrigated rice cultivar Cica-8 (Pag. 164-170)

Saldanha, Cleber Witt; Martins-Corder, Maisa Pimentel. In vitro germination and embryogenic competence acquisition of *Euterpe edulis* Martius immature zygotic embryos (Pag. 171-178)

Matiello, Rodrigo Rodrigues; Brunelli, Kátia Regiane; et al. Inheritance of resistance to anthracnose stalk rot (*Colletotrichum graminicola*) in tropical maize inbred lines (Pag. 179-184)

Verardi, Cecília Khusala; Resende, Marcos Deon Vilela de; et al. Estimation of genetic parameters in rubber progenies (Pag. 185-190)

Oliveira, Eder Jorge; Fraife Filho, Gilberto de Andrade; et al. Plant selection in F2 segregating populations of papaya from commercial hybrids (Pag. 191-198)

Elsayed, Ahmed Youssef; Silva, Derly José Henriques da; et al. The inheritance of late blight resistance derived from *Solanum habrochaites* (Pag. 199-205)

Araújo, Lanusse Cordeiro de; Gravina, Geraldo de Amaral; et al. Contribution of components of production on snap bean yield (Pag. 206-210)

Carvalho, Leonardo Castelo Branco; Silva, Kaesel Jackson Damasceno e; et al. Phenotypic correlations between combining abilities of F2 cowpea populations (Pag. 211-214)

Bisognin, Dilson Antonio; Rigão, Maria Helena; et al. Heritability and correlation among potato tuber traits (Pag. 215-219)

Pereira, Helton Santos; Wendland, Adriane; et al. BRS Notável: a medium-early-maturing, disease-resistant Carioca common bean cultivar with high yield potential (Pag. 220-223)

Morello, Camilo de Lelis; Pedrosa, Murilo Barros; et al. BRS 335: a midseason high-yielding upland cotton cultivar for northeast Brazilian savanna (Pag. 224-226)

Melo, Patricia Guimarães Santos; Morais, Orlando Peixoto de; et al. BRS GO Serra Dourada: upland rice cultivar for family agriculture in the state of Goiás (Pag. 227-229)

INICIO

JOURNAL OF ECONOMIC ENTOMOLOGY Vol. 105(5). 2012

Peck, Steven L.; Bouyer, Jérémie. Mathematical Modeling, Spatial Complexity, and Critical Decisions in Tsetse Control (Pag. 1477-1486)

Ryba, Stepan; Kindlmann, Pavel; et al. A New Low-Cost Procedure for Detecting Nucleic Acids in Low-Incidence Samples: A Case Study of Detecting Spores of *Paenibacillus* larvae From Bee Debris (Pag. 1487-1491)

Serikawa, R. H.; Backus, E. A.; Rogers, M. E. Effects of Soil-Applied Imidacloprid on Asian Citrus Psyllid (Hemiptera: Psyllidae) Feeding Behavior (Pag. 1492-1502)

Cai, Yi; Fan, Jing; Sun, Shifeng; et al. Interspecific Interaction Between *Spodoptera exigua* Multiple Nucleopolyhedrovirus and *Microplitis bicoloratus* (Hymenoptera: Braconidae: Microgastrina) in *Spodoptera exigua* (Lepidoptera: Noctuidae) Larvae (Pag. 1503-1508)

Butler, Casey D.; Trumble, John T. Identification and Impact of Natural Enemies of *Bactericera cockerelli* (Hemiptera: Triozidae) in Southern California (Pag. 1509-1519)

Schuldiner-Harpaz, Tarryn; Coll, Moshe. Identification of *Orius* (Heteroptera: Anthocoridae) Females Based on Egg Operculum Structure (Pag. 1520-1523)

Mainali, Bishwo P.; Kim, Sangwon; Lim, Un Taek. Interactive Influence of Temperature and Relative Humidity on Egg Parasitoids of *Riptortus pedestris* (Hemiptera: Alydidae) (Pag. 1524-1531)

Lytle, J. M.; Bernal, J. S.; Morse, J. G. Biology of *Pseudoligosita plebeia* (Hymenoptera: Trichogrammatidae), an Egg Parasitoid of *Homalodisca* spp. (Hemiptera: Cicadellidae) Collected From Northwestern Mexico as a Potential Biocontrol Agent of *H. vitripennis* in California (Pag. 1532-1539)

Son, Yerim; Chon, Ikjo; Neven, Lisa; Kim, Yonggyun. Controlled Atmosphere and Temperature Treatment System to Disinfest Fruit Moth, *Carposina sasakii* (Lepidoptera: Carposinidae) on Apples (Pag. 1540-1547)

Wright, Starker E.; Leskey, Tracy C.; et al. Integration of Insecticidal, Phagostimulatory, and Visual Elements of an Attract and Kill System for Apple Maggot Fly (Diptera: Tephritidae) (Pag. 1548-1556)

Vargas, Roger I.; Souder, Steven K.; et al. Field Trials of Solid Triple Lure (Trimedlure, Methyl Eugenol, Raspberry Ketone, and DDVP) Dispensers for

Detection and Male Annihilation of *Ceratitis capitata*, *Bactrocera dorsalis*, and *Bactrocera cucurbitae* (Diptera: Tephritidae) in Hawaii (Pag. 1557-1565)

Peng, Cheng-Lin; Gu, Ping; et al. Identification and Field Bioassay of the Sex Pheromone of *Trichophysetis cretacea* (Lepidoptera: Crambidae) (Pag. 1566-1572)

Tofangsazi, Nastaran; Buss, Eileen A.; et al. Thermal Requirements and Development of *Herpetogramma phaeopteralis* (Lepidoptera: Crambidae: Spilomelinae) (Pag. 1573-1580)

Ravuiwasa, Kaliova Tavou; Tan, Ching-Wen; et al. Temperature-Dependent Demography of *Aulacaspis yasumatsui* (Hemiptera: Diaspididae) (Pag. 1581-1590)

Lai, Li-Chuan; Kuo, Tai-Chih; Huang, Rong-Nan; Wu, Wen-Jer. The Insecticidal Activities of Fire Ant (Hymenoptera: Formicidae) Venoms Against *Plutella xylostella* (Lepidoptera: Plutellidae) Larvae (Pag. 1591-1596)

Showler, Allan T.; Wilson, Blake E.; Reagan, Thomas E. Mexican Rice Borer (Lepidoptera: Crambidae) Injury to Corn Greater Than to Sorghum and Sugarcane Under Field Conditions (Pag. 1597-1602)

INICIO

Lu, Yanhui; Jiao, Zhenbiao; Wu, Kongming. Early Season Host Plants of *Apolygus lucorum* (Heteroptera: Miridae) in Northern China (Pag. 1603-1611)

Reisig, Dominic D.; Bacheler, Jack S.; et al. Efficacy and Value of Prophylactic vs. Integrated Pest Management Approaches for Management of Cereal Leaf Beetle (Coleoptera: Chrysomelidae) in Wheat and Ramifications for Adoption by Growers (Pag. 1612-1619)

Lundin, Ola; Rundlöf, Maj; Smith, Henrik G.; Bommarco, Riccardo. Towards Integrated Pest Management in Red Clover Seed Production (Pag. 1620-1628)

Johnson, W. A.; Alfaress, S.; Whitworth, R. J.; McCornack, B. P. Crop Residue and Residue Management Effects on *Armadillidium vulgare* (Isopoda: Armadillidiidae) Populations and Soybean Stand Densities (Pag. 1629-1639)

Little, N. S.; Blount, N. A.; et al. Preference of Formosan Subterranean Termites for Blue-Stained Southern Yellow Pine Sapwood (Pag. 1640-1644)

Jacobi, W. R.; Hardin, J. G.; Goodrich, B. A.; Cleaver, C. M. Retail Firewood Can Transport Live Tree Pests (Pag. 1645-1658)

Lundquist, J. E.; Reich, R. M.; Tuffly, M. Spatial Dynamics of the Invasive Defoliator Amber-Marked Birch Leafminer Across the Anchorage Landscape (Pag. 1659-1667)

Fettig, Christopher J.; McKelvey, Stephen R.; et al. Efficacy of "Verbenone Plus" for Protecting Ponderosa Pine Trees and Stands From *Dendroctonus brevicomis* (Coleoptera: Curculionidae) Attack in British Columbia and California (Pag. 1668-1680)

Haviland, David R.; Beede, Robert H.; Daane, Kent M. Seasonal Phenology of Ferrisia gilli (Hemiptera: Pseudococcidae) in Commercial Pistachios (Pag. 1681-1687)

Hulbert, Daniel; Reeb, Pablo; Isaacs, Rufus; et al. Rainfastness of Insecticides Used to Control Japanese Beetle in Blueberries (Pag. 1688-1693)

Suckling, David M.; Brockerhoff, Eckehard G.; et al. Communication Disruption of Epiphyas postvittana (Lepidoptera: Tortricidae) By Using Two Formulations at Four Point Source Densities in Vineyards (Pag. 1694-1701)

Higbee, Bradley S.; Siegel, Joel P. Field Efficacy and Application Timing of Methoxyfenozide, a Reduced-Risk Treatment for Control of Navel Orangeworm (Lepidoptera: Pyralidae) in Almond (Pag. 1702-1711)

Tollerup, Kris E.; Rucker, Ann; Shearer, Peter W. Whole-Farm Mating Disruption to Manage Grapholita molesta (Lepidoptera: Tortricidae) in Diversified New Jersey Orchards (Pag. 1712-1718)

Montemayor, Cecil O.; Cave, Ronald D. Evaluation of the Predation Capacity of Podisus maculiventris (Hemiptera: Pentatomidae) on Microtheca ochroloma (Coleoptera: Chrysomelidae) in Field Cages (Pag. 1719-1725)

Leskey, Tracy C.; Lee, Doo-Hyung; Short, Brent D.; Wright, Starker E. Impact of Insecticides on the Invasive Halyomorpha halys (Hemiptera: Pentatomidae): Analysis of Insecticide Lethality (Pag. 1726-1735)

Buczkowski, Grzegorz; Scherer, Clay W.; Bennett, Gary W. Toxicity and Horizontal Transfer of Chlorantraniliprole in the Eastern Subterranean Termite (Pag. 1736-1745)

Raina, Ashok; Bedoukian, Robert; Florane, Chris; Lax, Alan. Potential of Natural Products and Their Derivatives to Control Formosan Subterranean Termites (Isoptera: Rhinotermitidae) (Pag. 1746-1750)

Spicer Rice, Eleanor; Shik, Jonathan Z.; Silverman, Jules. Effect of Scattered and Discrete Hydramethylnon Bait Placement on the Asian Needle Ant (Pag. 1751-1757)

INICIO

Wang, Cai; Henderson, Gregg. Evaluation of Three Bait Materials and Their Food Transfer Efficiency in Formosan Subterranean Termites (Isoptera: Rhinotermitidae) (Pag. 1758-1765)

Gautam, Bal K.; Henderson, Gregg; Davis, Robert W. Toxicity and Horizontal Transfer of 0.5% Fipronil Dust Against Formosan Subterranean Termites (Pag. 1766-1772)

Burkness, Eric C.; Hutchison, W. D. Bt Pollen Dispersal and Bt Kernel Mosaics: Integrity of Non-Bt Refugia for Lepidopteran Resistance Management in Maize (Pag. 1773-1780)

Nakao, Toshifumi; Naoi, Atsuko; et al. Concentration-Dependent Effects of GABA on Insensitivity to Fipronil in the A2'S Mutant RDL GABA Receptor From Fipronil-Resistant *Oulema oryzae* (Coleoptera: Chrysomelidae) (Pag. 1781-1788)

Anderson, John F.; Cowles, Richard S. Susceptibility of *Cimex lectularius* (Hemiptera: Cimicidae) to Pyrethroid Insecticides and to Insecticidal Dusts With or Without Pyrethroid Insecticides (Pag. 1789-1795)

Komagata, Osamu; Kasai, Shinji; Kobayashi, Mutsuo; Tomita, Takashi. Potential Efficacy of Olyset Mosquito Netting Against *Calliphora nigribarbis* (Diptera: Calliphoridae) Invasion Into Livestock Barns (Pag. 1796-1800)

Hein, Gary L.; French, Roy; et al. Genetic Characterization of North American Populations of the Wheat Curl Mite and Dry Bulb Mite (Pag. 1801-1808)

Golizadeh, A.; Esmaeili, N. Comparative Life History and Fecundity of *Phthorimaea operculella* (Lepidoptera: Gelechiidae) on Leaves and Tubers of Different Potato Cultivars (Pag. 1809-1815)

Mirnezhad, Mohammad; Schidlo, Natasha; et al. Variation in Genetics and Performance of Dutch Western Flower Thrips Populations (Pag. 1816-1824)

Siebert, M. W.; Nolting, S. P.; et al. Evaluation of Corn Hybrids Expressing Cry1F, Cry1A.105, Cry2Ab2, Cry34Ab1/Cry35Ab1, and Cry3Bb1 Against Southern United States Insect Pests (Pag. 1825-1834)

McCarville, M. T.; O'Neal, M. E. Measuring the Benefit of Biological Control for Single Gene and Pyramided Host Plant Resistance for *Aphis glycines* (Hemiptera: Aphididae) Management (Pag. 1835-1843)

Verdugo, J. A.; Méndez, T.; et al. Variation in Resistance Mechanisms to the Green Peach Aphid Among Different *Prunus persica* Commercial Cultivars (Pag. 1844-1855)

Takakura, K. I. Bayesian Estimation for the Effectiveness of Pesticides and Repellents (Pag. 1856-1862)

Lysyk, T. J.; Kalischuk-Tymensen, L. D.; Selinger, L. B. Mortality of Adult *Stomoxys calcitrans* Fed Isolates of *Bacillus thuringiensis* (Pag. 1863-1870)

INICIO

JOURNAL OF NEMATOLOGY Vol. 44(3). 2012

Jiue-In Yang, Scott Benecke, Daniel R. Jeske, et al. Population Dynamics of *Dactylella oviparasitica* and *Heterodera schachtii*: Toward a Decision Model for Sugar Beet Planting (Pag. 237-244)

Shabeg S. Briar, Corinne Barker, Mario Tenuta, Martin H. Entz. Soil Nematode Responses to Crop Management and Conversion to Native Grasses (Pag. 245-254)

Yasuharu Mamiya. Scanning Electron Microscopy of Pine Seedling Wood Tissue Sections Inoculated with the Pinewood Nematode *Bursaphelenchus xylophilus* Previously Prepared for Light Microscopy (Pag. 255-259)

J. D. Eisenback. A Technique for Making High-Resolution Megapixel Mosaic Photomicrographs of Nematodes (Pag. 260-263)

David Shapiro-Ilan, M. Guadalupe Rojas, et al. Optimization of a Host Diet for in vivo Production of Entomopathogenic Nematodes (Pag. 264-273)

Ramesh R. Pokharel, John M. Duxbury, George Abawai. Evaluation of Protocol for Assessing the Reaction of Rice and Wheat Germplasm to Infection by *Meloidogyne graminicola* (Pag. 274-283)

Weimin Ye. Development of PrimeTime-Real-Time PCR for Species Identification of Soybean Cyst Nematode (*Heterodera glycines* Ichinohe, 1952) in North Carolina (Pag. 284-290)

Laura Evangelina Garcia, Maria Virginia Sanchez-Puerta. Characterization of a Root-Knot Nematode Population of *Meloidogyne arenaria* from Tupungato (Mendoza, Argentina) (Pag. 291-301)

Qudsia Tahseen, Razia Sultana, Rahmat Khan, Ather Hussain. A New Genus and Species of the Family Rhabdolaimidae (Nematoda), with Descriptions of Two Known Species and Taxonomic Discussion (Pag. 302-312)

INICIO

PHYTOPATHOLOGY Vol. 102(11). 2012

Yogasudha Veturi, Kristen Kump, et al. Multivariate Mixed Linear Model Analysis of Longitudinal Data: An Information-Rich Statistical Technique for Analyzing Plant Disease Resistance (Pag. 1016-1025)

A. M. Reynolds. Incorporating Sweeps and Ejections into Lagrangian Stochastic Models of Spore Trajectories Within Plant Canopy Turbulence: Modeled Contact Distributions Are Heavy-Tailed (Pag. 1026-1033)

J. R. Chapman, R. K. Taylor, et al. Phylogenetic Relationships Among Global Populations of *Pseudomonas syringae* pv. *Actinidiae* (Pag. 1034-1044)

Nian Wang, Jian-Liang Li, and Steven E. Lindow. RpFF-Dependent Regulon of *Xylella fastidiosa* (Pag. 1045-1053)

Chi-Hua Cheng, Chia-Ann Yang, and Kou-Cheng Peng. Antagonism of *Trichoderma harzianum* ETS 323 on *Botrytis cinerea* Mycelium in Culture Conditions (Pag. 1054-1063)

L. Y. Fu, Y.-G. Wang, and C. J. Liu. Rank Regression for Analyzing Ordinal Qualitative Data for Treatment Comparison (Pag. 1064-1070)

Zahi K. Atallah, Karunakaran Maruthachalam, and Krishna V. Subbarao. Sources of *Verticillium dahliae* Affecting Lettuce (Pag. 1071-1078)

A. Rashed, T. D. Nash, L. Paetzold, F. Workneh, and C. M. Rush. Transmission Efficiency of 'Candidatus Liberibacter solanacearum' and Potato Zebra Chip Disease Progress in Relation to Pathogen Titer, Vector Numbers, and Feeding Sites (Pag. 1079-1085)

Ana M. González, Thierry C. Marcel, and Rients E. Niks. Evidence for a Minor Gene-for-Minor Gene Interaction Explaining Nonhypersensitive Polygenic Partial Disease Resistance (Pag. 1086-1093)

Ying Yu, Yali Zhang, Ling Yin, and Jiang Lu. The Mode of Host Resistance to *Plasmopara viticola* Infection of Grapevines (Pag. 1094-1101)

INICIO

PLANT CELL Vol. 24(8). 2012

Jennifer Mach. Calcium Channels and Acquired Thermotolerance: Here Comes the Sun and It's All Right (Pag. 3167)

Gregory Bertoni. Maize opaque1 and Protein Body Formation (Pag. 3168)

Nancy A. Eckardt. Transcriptome Study Outlines Ontogeny of the Maize Shoot Apical Meristem (Pag. 3169)

Nancy R. Hofmann. The GSK3-Type Kinase ASKa Targets GLUCOSE-6-PHOSPHATE DEHYDROGENASE to Mediate Oxidative Stress Responses in *Arabidopsis* (Pag. 3170)

Kathleen L. Farquharson. Insight into Ribulose 1,5-Bis-Phosphate Carboxylase/Oxygenase Assembly in Maize (Pag. 3171)

Cathie Martin. Commentaries and Letters to the Editor of The Plant Cell (Pag. 3172-3173)

Cristian H. Danna, Xue-Cheng Zhang, et al. FLS2-Mediated Responses to Ax21-Derived Peptides: Response to the Mueller et al. Commentary (Pag. 3174-3176)

Horim Lee, Ashok Khatri, Julia M. Plotnikov, Xue-Cheng Zhang, and Jen Sheen. Complexity in Differential Peptide-Receptor Signaling: Response to Segonzac et al. and Mueller et al. Commentaries (Pag. 3177-3185)

Cécile Segonzac, Zachary L. Nimchuk, et al. The Shoot Apical Meristem Regulatory Peptide CLV3 Does Not Activate Innate Immunity (Pag. 3186-3192)

Katharina Mueller, Delphine Chinchilla, et al. Contamination Risks in Work with Synthetic Peptides: flg22 as an Example of a Pirate in Commercial Peptide Preparations (Pag. 3193-3197)

Evan Murphy, Stephanie Smith, and Ive De Smet. Small Signaling Peptides in *Arabidopsis* Development: How Cells Communicate Over a Short Distance (Pag. 3198-3217)

Elizabeth M. Takacs, Jie Li, Chuanlong Du, et al. Ontogeny of the Maize Shoot Apical Meristem (Pag. 3219-3234)

Changhui Sun, Jun Fang, et al. The Histone Methyltransferase SDG724 Mediates H3K36me2/3 Deposition at MADS50 and RFT1 and Promotes Flowering in Rice (Pag. 3235-3247)

Yukiko Yasui, Keiko Mukougawa, et al. The Phytochrome-Interacting VASCULAR PLANT ONE-ZINC FINGER1 and VOZ2 Redundantly Regulate Flowering in *Arabidopsis* (Pag. 3248-3263)

Yehoram Leshem, Cameron Johnson, et al. Molecular Characterization of the glaucte Mutant: A Central Cell-Specific Function Is Required for Double Fertilization in *Arabidopsis* (Pag. 3264-3277)

Xiaoxue Wang, Fangming Wu, et al. SKIP Is a Component of the Spliceosome Linking Alternative Splicing and the Circadian Clock in *Arabidopsis* (Pag. 3278-3295)

Bianka Steffens, Alexander Kovalev, et al. Emerging Roots Alter Epidermal Cell Fate through Mechanical and Reactive Oxygen Species Signaling (Pag. 3296-3306)

INICIO

Michael Wild, Jean-Michel Davière, et al. The Arabidopsis DELLA RGA-LIKE3 Is a Direct Target of MYC2 and Modulates Jasmonate Signaling Responses (Pag. 3307-3319)

Sha Yu, Vinicius C. Galvão, et al. Gibberellin Regulates the Arabidopsis Floral Transition through miR156-Targeted SQUAMOSA PROMOTER BINDING-LIKE Transcription Factors (Pag. 3320-3332)

Andrija Finka, America Farinia Henriquez Cuendet, et al. Plasma Membrane Cyclic Nucleotide Gated Calcium Channels Control Land Plant Thermal Sensing and Acquired Thermotolerance (Pag. 3333-3348)

Minsoo Kim, Ung Lee, Ian Small, et al. Mutations in an Arabidopsis Mitochondrial Transcription Termination Factor-Related Protein Enhance Thermotolerance in the Absence of the Major Molecular Chaperone HSP101 (Pag. 3349-3365)

Mamoru Nozaki, Munetaka Sugiyama, et al. A Missense Mutation in the Glucosamine-6-Phosphate N-Acetyltransferase-Encoding Gene Causes Temperature-Dependent Growth Defects and Ectopic Lignin Deposition in Arabidopsis (Pag. 3366-3379)

Silvia Dal Santo, Hansjörg Stampfl, et al. Stress-Induced GSK3 Regulates the Redox Stress Response by Phosphorylating Glucose-6-Phosphate Dehydrogenase in Arabidopsis (Pag. 3380-3392)

June-Sik Kim, Junya Mizoi, et al. Arabidopsis GROWTH-REGULATING FACTOR7 Functions as a Transcriptional Repressor of Abscisic Acid- and Osmotic Stress-Responsive Genes, Including DREB2A (Pag. 3393-3405)

Bing Liu, Jian-Feng Li, Ying Ao, et al. Lysin Motif-Containing Proteins LYP4 and LYP6 Play Dual Roles in Peptidoglycan and Chitin Perception in Rice Innate Immunity (Pag. 3406-3419)

Diane G.O. Saunders, Susan Breen, et al. Host Protein BSL1 Associates with Phytophthora infestans RXLR Effector AVR2 and the Solanum demissum Immune Receptor R2 to Mediate Disease Resistance (Pag. 3420-3434)

Leila Feiz, Rosalind Williams-Carrier, et al. Ribulose-1,5-Bis-Phosphate Carboxylase/Oxygenase Accumulation Factor1 Is Required for Holoenzyme Assembly in Maize (Pag. 3435-3446)

Guifeng Wang, Fang Wang, et al. Opaque1 Encodes a Myosin XI Motor Protein That Is Required for Endoplasmic Reticulum Motility and Protein Body Formation in Maize Endosperm (Pag. 3447-3462)

Arnaud Besserer, Emeline Burnotte, et al. Selective Regulation of Maize Plasma Membrane Aquaporin Trafficking and Activity by the SNARE SYP121 (Pag. 3463-3481)

INICIO

PLANT PHYSIOLOGY Vol. 160(2). 2012

Francesca De Marchis, Andrea Pompa, and Michele Bellucci. Plastid Proteostasis and Heterologous Protein Accumulation in Transplastomic Plants (Pag. 571-581)

Wing-Sham Lee, Kim E. Hammond-Kosack, and Kostya Kanyuka. Barley Stripe Mosaic Virus-Mediated Tools for Investigating Gene Function in Cereal Plants and Their Pathogens: Virus-Induced Gene Silencing, Host-Mediated Gene Silencing, and Virus-Mediated Overexpression of Heterologous Protein (Pag. 582-590)

Benjamin Hartwig, Geo Velikkakam James, et al. Fast Isogenic Mapping-by-Sequencing of Ethyl Methanesulfonate-Induced Mutant Bulks (Pag. 591-600)

Taiji Kawakatsu, Yuhya Wakasa, Hiroshi Yasuda, and Fumio Takaiwa. RNA Silencing Induced by an Artificial Sequence That Prevents Proper Transcription Termination in Rice (Pag. 601-612)

Jun Ding, Xiaoman Li, and Haiyan Hu. Systematic Prediction of cis-Regulatory Elements in the *Chlamydomonas reinhardtii* Genome Using Comparative Genomics (Pag. 613-623)

Artemis Perraki, Jean-Luc Cacas, et al. Plasma Membrane Localization of *Solanum tuberosum* Remorin from Group 1, Homolog 3 Is Mediated by Conformational Changes in a Novel C-Terminal Anchor and Required for the Restriction of Potato Virus X Movement] (Pag. 624-637)

Weili Yang, Jeffrey P. Simpson, et al. A Land-Plant-Specific Glycerol-3-Phosphate Acyltransferase Family in *Arabidopsis*: Substrate Specificity, sn-2 Preference, and Evolution (Pag. 638-652)

Theodora Tryfona, Hui-Chung Liang, et al. Structural Characterization of *Arabidopsis* Leaf Arabinogalactan Polysaccharides (Pag. 653-666)

Panneerselvam Vijayaraj, Charnitkaur B. Jashal, et al. A Bifunctional Enzyme That Has Both Monoacylglycerol Acyltransferase and Acyl Hydrolase Activities (Pag. 667-683)

Jasper J.L. Pengelly, Jackie Tan, et al. Antisense Reduction of NADP-Malic Enzyme in *Flaveria bidentis* Reduces Flow of CO₂ through the C4 Cycle (Pag. 1070-1080)

Simon Poon, Robyn Louise Heath, and Adrienne Elizabeth Clarke. A Chimeric Arabinogalactan Protein Promotes Somatic Embryogenesis in Cotton Cell Culture (Pag. 684-695)

Na Wang, Hui-Jia Huang, Su-Ting Ren, et al. The Rice Wall-Associated Receptor-Like Kinase Gene OsDEES1 Plays a Role in Female Gametophyte Development (Pag. 696-707)

Cristina Barsan, Mohamed Zouine, et al. Proteomic Analysis of Chloroplast-to-Chromoplast Transition in Tomato Reveals Metabolic Shifts Coupled with Disrupted Thylakoid Biogenesis Machinery and Elevated Energy-Production Components (Pag. 708-725)

Andrew Carroll, Nasim Mansoori, et al. Complexes with Mixed Primary and Secondary Cellulose Synthases Are Functional in *Arabidopsis* Plants (Pag. 726-737)

Jing Qu, Jian Ye, Yun-Feng Geng, et al. Dissecting Functions of KATANIN and WRINKLED1 in Cotton Fiber Development by Virus-Induced Gene Silencing (Pag. : 738-748)

Concepción Manzano, Elena Ramirez-Parra, et al. Auxin and Epigenetic Regulation of SKP2B, an F-Box That Represses Lateral Root Formation (Pag. 749-762)

Ken Haga and Tatsuya Sakai. PIN Auxin Efflux Carriers Are Necessary for Pulse-Induced But Not Continuous Light-Induced Phototropism in Arabidopsis (Pag. 763-776)

Lu Wang and Yong-Ling Ruan. New Insights into Roles of Cell Wall Invertase in Early Seed Development Revealed by Comprehensive Spatial and Temporal Expression Patterns of GhCWIN1 in Cotton (Pag. 777-787)

Xianchun Sang, Yunfeng Li, et al. CHIMERIC FLORAL ORGANS1, Encoding a Monocot-Specific MADS Box Protein, Regulates Floral Organ Identity in Rice (Pag. 788-807)

Xu Zhang, Qian Wu, et al. Two Novel RING-Type Ubiquitin Ligases, RGLG3 and RGLG4, Are Essential for Jasmonate-Mediated Responses in Arabidopsis (Pag. 808-822)

INICIO

Christopher Braud, Wenguang Zheng, and Wenyan Xiao. LONO1 Encoding a Nucleoporin Is Required for Embryogenesis and Seed Viability in Arabidopsis (Pag. 823-836)

Anjanabha Bhattacharya, Sofia Kourmpetli, Dennis A. Ward, et al. Characterization of the Fungal Gibberellin Desaturase as a 2-Oxoglutarate-Dependent Dioxygenase and Its Utilization for Enhancing Plant Growth (Pag. 837-845)

Akshay Kakumanu, Madana M.R. Ambavaram, et al. Effects of Drought on Gene Expression in Maize Reproductive and Leaf Meristem Tissue Revealed by RNA-Seq (Pag. 846-867)

Anna Kulik, Anna Anielska-Mazur, et al. SNF1-Related Protein Kinases Type 2 Are Involved in Plant Responses to Cadmium Stress (Pag. 868-883)

Lies Vandesteene, Lorena López-Galvis, et al. Expansive Evolution of the TREHALOSE-6-PHOSPHATE PHOSPHATASE Gene Family in Arabidopsis (Pag. 884-896)

Tsuneo Hakoyama, Ryo Oi, et al. The SNARE Protein SYP71 Expressed in Vascular Tissues Is Involved in Symbiotic Nitrogen Fixation in *Lotus japonicus* Nodules (Pag. 897-905)

Rammyani Bagchi, Mohammad Salehin, et al. Functional Assessment of the *Medicago truncatula* NIP/LATD Protein Demonstrates That It Is a High-Affinity Nitrate Transporter (Pag. 906-916)

Md Shakhawat Hossain, Jinqiu Liao, et al. *Lotus japonicus* ARPC1 Is Required for Rhizobial Infection (Pag. 917-928)

Stefan Schuck, Iris Camehl, et al. HSPRO Controls Early Nicotiana attenuata Seedling Growth during Interaction with the Fungus *Piriformospora indica* (Pag. 929-943)

Wiebe J. Postma, Erik J. Slootweg, et al. The Effector SPRYSEC-19 of *Globodera rostochiensis* Suppresses ---Mediated Disease Resistance in Plants (Pag. 944-954)

Aizhen Sun, Shengjun Nie, and Da Xing. Nitric Oxide-Mediated Maintenance of Redox Homeostasis Contributes to NPR1-Dependent Plant Innate Immunity Triggered by Lipopolysaccharides (Pag. 1081-1096)

Francesca Secchi and Maciej A. Zwieniecki. Analysis of Xylem Sap from Functional (Nonembolized) and Nonfunctional (Embolized) Vessels of *Populus nigra*: Chemistry of Refilling (Pag. 955-964)

Irene Perrone, Giorgio Gambino, et al. The Grapevine Root-Specific Aquaporin VvPIP2;4N Controls Root Hydraulic Conductance and Leaf Gas Exchange under Well-Watered Conditions But Not under Water Stress (Pag. 965-977)

Fien Degryse, Afsaneh Shahbazi, Liesbeth Verheyen, and Erik Smolders. Diffusion Limitations in Root Uptake of Cadmium and Zinc, But Not Nickel, and Resulting Bias in the Michaelis Constant (Pag. 1097-1109)

Juan Ignacio Cagnola, Edmundo Ploschuk, et al. Stem Transcriptome Reveals Mechanisms to Reduce the Energetic Cost of Shade-Avoidance Responses in Tomato (Pag. 1110-1119)

Christopher Buschhaus and Reinhard Jetter. Composition and Physiological Function of the Wax Layers Coating Arabidopsis Leaves: β -Amyrin Negatively Affects the Intracuticular Water Barrier (Pag. 1120-1129)

Ani A. Elias, Victor B. Busov, et al. Green Revolution Trees: Semidwarfism Transgenes Modify Gibberellins, Promote Root Growth, Enhance Morphological Diversity, and Reduce Competitiveness in Hybrid Poplar (Pag. 1130-1144)

Wei Deng, Guanqun Chen, et al. Transparent Testa16 Plays Multiple Roles in Plant Development and Is Involved in Lipid Synthesis and Embryo Development in Canola (Pag. 978-989)

Liang Wu, Long Mao, and Yijun Qi. Roles of DICER-LIKE and ARGONAUTE Proteins in TAS-Derived Small Interfering RNA-Triggered DNA Methylation (Pag. 990-999)

Isamu Sakurai, Damir Stasic, et al. Positive Regulation of *psbA* Gene Expression by cis-Encoded Antisense RNAs in *Synechocystis* sp. PCC 6803 (Pag. 1000-1010)

Yuan-Yuan Li, Ke Mao, et al. MdCOP1 Ubiquitin E3 Ligases Interact with MdMYB1 to Regulate Light-Induced Anthocyanin Biosynthesis and Red Fruit Coloration in Apple (Pag. 1011-1022)

Mingxun Chen, Zhong Wang, et al. The Effect of TRANSPARENT TESTA2 on Seed Fatty Acid Biosynthesis and Tolerance to Environmental Stresses during Young Seedling Establishment in Arabidopsis (Pag. 1023-1036)

Nino Nikolovski, Denis Rubtsov, et al. Putative Glycosyltransferases and Other Plant Golgi Apparatus Proteins Are Revealed by LOPIT Proteomics (Pag. 1037-1051)

Anna Berim, David C. Hyatt, and David R. Gang. A Set of Regioselective O-Methyltransferases Gives Rise to the Complex Pattern of Methoxylated Flavones in Sweet Basil (Pag. 1052-1069)

INICIO

SCIENTIA AGRARIA 10(2). 2009

Rodrigo Ramos LOPES, Lúcia Brandão FRANKE, Fabrício Silva NUNES. Metodologia alternativa do teste de envelhecimento acelerado para sementes de azevém (Pag. 89-94)

Elizete Beatriz RADMANN, Valmor João BIANCHI, et al. Influência da composição do meio de cultivo e do tipo de explante na micropopulação do porta-enxerto de *Prunus* sp. 'GXN-9' (Pag. 95-101)

Sebastião do Amaral MACHADO, Alan Lessa Derci AUGUSTYNZIK, et al. Distribuição diamétrica de *Araucaria angustifolia* (Bert.) O. Ktze. em um fragmento de floresta ombrófila mista (Pag. 103-110)

Márcio Henrique Pereira BARBOSA, Marcos Deon Vilela de RESENDE, et al. Correlação entre valores genotípicos preditos e estimativas de adaptabilidade e estabilidade de clones de cana-de-açúcar no contexto de modelos mistos (Pag. 111-118)

Luiz Antonio BIASI, Fátima Cristina do VALLE. Germinação de esporos de *dicksonia sellowiana* e crescimento inicial sob diferentes níveis de sombreamento (Pag. 119-125)

Alvadi Antonio BALBINOT JR., Rogério Luiz BACKES, Adriano Martinho de SOUZA. Desempenho de cultivares de girassol em três épocas de semeadura no planalto norte catarinense (Pag. 127-133)

Crisliane Aparecida Pereira dos SANTOS, Marcos Rogério TÓTOLA, et al. Atributos indicadores da qualidade do solo em povoamentos de eucalipto fertirrigado no vale do Rio Doce – MG (Pag. 135-141)

Fabiane Cristina CERUTI, Airton Rodrigues PINTO JR. Distribuição espacial de *Sitophilus zeamais* (Coleoptera: Curculionidae) e *Oryzaephilus surinamensis* (Col.: Silvanidae) em estrutura armazenadora contendo milho (Pag. 143-149)

Josefino de Freitas FIALHO, Eduardo Alano VIEIRA, et al. Danos causados por percevejo-de-renda na produção de parte aérea e raízes de mandioca (Pag. 151-155)

Eunice Maia de ANDRADE, José Alves CARNEIRO NETO, et al. Classificação da sustentabilidade das unidades de produção agrícola no perímetro irrigado Araras norte, Ceará (Pag. 157-164)

Helen Lúcia da Cruz MIRANDA, Vera Lucia BOBROWSKI, Luciana Bicca DODE, Geri Eduardo MENEGHELLO. Criopreservação de calos de arroz (Pag. 165-168)

Oscar Mitsuo YAMASHITA, João Vítor Nogueira ORSI, et al. Tolerância de mudas de café conilon (*Coffea canephora*) a herbicidas aplicados em pós-emergência (Pag. 169-174)

INICIO

SOIL SCIENCE SOCIETY OF AMERICA JOURNAL Vol. 76(5). 2012

Shoichiro Hamamoto, Per Moldrup, Ken Kawamoto and Toshiko Komatsu. Maxwell's Law Based Models for Liquid and Gas Phase Diffusivities in Variably-Saturated Soil (Pag. 1509-1517)

Martin Maier, Helmer Schack-Kirchner, et al. Turbulence Effect on Gas Transport in Three Contrasting Forest Soils (Pag. 1518-1528)

Mark N. Wuddivira, David A. Robinson, et al. Estimation of Soil Clay Content from Hygroscopic Water Content Measurements (Pag. 1529-1535)

Giorgi Chighladze, Amy Kaleita, Stuart Birrell and Sally Logsdon. Estimating Soil Solution Nitrate Concentration from Dielectric Spectra Using Partial Least Squares Analysis (Pag. 1536-1547)

Zizhong Li, Liwang Ma, et al. Simulation of Overwinter Soil Water and Soil Temperature with SHAW and RZ-SHAW (Pag. 1548-1563)

T.K.K Chamindu Deepagoda, Per Moldrup, et al. Diffusion Aspects of Designing Porous Growth Media for Earth and Space (Pag. 1564-1578)

Liang Tao, Wei Zhang, Hui Li, et al. Effect of pH and Weathering Indices on the Reductive Transformation of 2-Nitrophenol in South China (Pag. 1579-1591)

Syam K. Dodla, Jim J. Wang and Robert L. Cook. Molecular Composition of Humic Acids from Coastal Wetland Soils along a Salinity Gradient (Pag. 1592-1605)

Guy Tamir, Moshe Shenker, et al. Dissolution and Re-crystallization Processes of Active Calcium Carbonate in Soil Developed on Tufa (Pag. 1606-1613)

Francisco J. Calderón, David J. Schultz and Eldor A. Paul. Carbon Allocation, Belowground Transfers, and Lipid Turnover in a Plant-Microbial Association (Pag. 1614-1623)

John T. Spargo, Michel A. Cavigelli, et al. Changes in Soil Organic Carbon and Nitrogen Fractions with Duration of No-Tillage Management (Pag. 1624-1633)

Carsten W. Mueller, Svetlana Schlund, et al. Soil Aggregate Destruction by Ultrasonication Increases Soil Organic Matter Mineralization and Mobility (Pag. 1634-1643)

N.L. Schon, A.D. Mackay and M.A. Minor. Relationship between Food Resource, Soil Physical Condition, and Invertebrates in Pastoral Soils (Pag. 1644-1654)

F. Peregrina, C. Larrieta, M. Colina, et al. Spent Mushroom Substrates Influence Soil Quality and Nitrogen Availability in a Semiarid Vineyard Soil (Pag. 1655-1666)

Ehsan R. Toosi, Peter W. Clinton, Michael H. Beare and David A. Norton. Biodegradation of Soluble Organic Matter as Affected by Land-Use and Soil Depth (Pag. 1667-1677)

Luis Reynaldo F. Alleoni, Antonio R. Fernandes and Camila B. Jordão. Phosphorus Availability in an Oxisol Amended with Biosolids in a Long-Term Field Experiment (Pag. 1678-1684)

Amanda J. Williams, Brenda J. Buck and Mengesha A. Beyene. Biological Soil Crusts in the Mojave Desert, USA: Micromorphology and Pedogenesis (Pag. 1685-1695)

INICIO

P. J. Drohan and M. Brittingham. Topographic and Soil Constraints to Shale-Gas Development in the Northcentral Appalachians (Pag. 1696-1706)

Carrie R. Levine, Ruth D. Yanai, et al. Assessing the Suitability of Rotary Coring for Sampling in Rocky Soils (Pag. 1707-1718)

Bradley A. Miller and Randall J. Schaetzl. Precision of Soil Particle Size Analysis using Laser Diffractometry (Pag. 1719-1727)

Marina Molodovskaya, Olga Singurindy, et al. Temporal Variability of Nitrous Oxide from Fertilized Croplands: Hot Moment Analysis (Pag. 1728-1740)

Upendra M. Sainju, Thecan Caesar-TonThat, et al. Dryland Soil Greenhouse Gas Emissions Affected by Cropping Sequence and Nitrogen Fertilization (Pag. 1741-1757)

J. Yu, J.G. Shi, P.F. Dang, et al. Soil and Polymer Properties Affecting Water Retention by Superabsorbent Polymers under Drying Conditions (Pag. 1758-1767)

A. Patrignani, C. B. Godsey, T. E. Ochsner and J. T. Edwards. Soil Water Dynamics of Conventional and No-Till Wheat in the Southern Great Plains (Pag. 1768-1775)

Rintaro Kinoshita, Bianca N. Moebius-Clune, et al. Strategies for Soil Quality Assessment Using Visible and Near-Infrared Reflectance Spectroscopy in a Western Kenya Chronosequence (Pag. 1776-1788)

X.-C.(John) Zhang. Cropping and Tillage Systems Effects on Soil Erosion under Climate Change in Oklahoma (Pag. 1789-1797)

Sandeep Kumar, Atsunobu Kadono, Rattan Lal and Warren Dick. Long-Term No-Till Impacts on Organic Carbon and Properties of Two Contrasting Soils and Corn Yields in Ohio (Pag. 1798-1809)

C. DeLong, J. Skousen and E. Pena-Yewtukhiw. Bulk Density of Rocky Mine Soils in Forestry Reclamation (Pag. 1810-1815)

Stephanie Grand and Les M. Lavkulich. Effects of Forest Harvest on Soil Carbon and Related Variables in Canadian Spodosols (Pag. 1816-1827)

Gian Franco Capra, Sergio Vacca, et al. Human-Altered and Human-Transported Soils in an Italian Industrial District (Pag. 1828-1841)

U. Singh, J. Sanabria, E.R. Austin and S. Agyin-Birikorang. Nitrogen Transformation, Ammonia Volatilization Loss, and Nitrate Leaching in Organically Enhanced Nitrogen Fertilizers Relative to Urea (Pag. 1842-1854)

Agustín Pagani and Antonio P. Mallarino. Comparison of Methods to Determine Crop Lime Requirement Under Field Conditions (Pag. 1855-1866)

Shinjiro Sato, Kelly T. Morgan, et al. Nutrient Balance and Use Efficiency in Sandy Soils Cropped with Tomato under Seepage Irrigation (Pag. 1867-1876)

Agustín Pagani and Antonio P. Mallarino. Soil pH and Crop Grain Yield as Affected by the Source and Rate of Lime (Pag. 1877-1886)

Colin R. Robins, Amy L. Brock-Hon and Brenda J. Buck. Conceptual Mineral Genesis Models for Calcic Pendants and Petrocalcic Horizons, Nevada (Pag. 1887-1903)

Nicholas J. Besasie and Meghan E. Buckley. Carbon Sequestration Potential at Central Wisconsin Wetland Reserve Program Sites (Pag. 1904-1910)

Andrew D. Parsekian, Lee Slater, et al. Uncertainty in Peat Volume and Soil Carbon Estimated Using Ground-Penetrating Radar and Probing (Pag. 1911-1918)

Christine M. VanZomeren, John R. White and Ronald D. DeLaune. Fate of Nitrate in Vegetated Brackish Coastal Marsh (Pag. 1919-1927)

INICIO