

TABLE OF CONTENTS

Volume 2 Number 3

September 2011

Studies on the Associates of *Conocephalum conicum* L. (Dumort.) and *Dumortiera hirsuta* Sw. (Nees)

M. Iqbal, F. A. Butt, A. Langer, A. Alam.....283

Gross Chemical Profile and Calculation of Nitrogen-to-Protein Conversion Factors for Five Tropical Seaweeds

G. S. Diniz, E. Barbarino, J. Oiano-Neto, S. Pacheco, S. O. Lourenço.....287

Effect of Nutrient Management and Planting Geometry on Productivity of Hybrid Rice (*Oryza sativa* L.) Cultivars

R. Bezbaruha, R. C. Sharma, P. Banik.....297

Introgressive Hybrids of *Arisaema sikokianum* and *A. tosaense* (Araceae) Confirmed through Nuclear and Chloroplast DNA Comparisons

H. Hayakawa, H. Hamachi, K. Matsuyama, Y. Muramatsu, Y. Minamiya, K. Ito, J. Yokoyama, T. Fukuda.....303

MADS Box Transcript Amount Is Affected by Ethylene during Abscission

V. Dal Cin, A. Ramina.....308

Responses of Transgenic Tobacco Plants with Increased Proline Content to Drought and/or Heat Stress

J. Pospisilova, D. Haisel, R. Vankova.....318

Distribution of Nuclei of Different Ploidy Levels during Ovule, Seed and Protocorm Development in *Phalaenopsis aphrodite* subsp. *formosana* (Orchidaceae)

G.-T. Jean, Y.-L. Kao, C.-Y. Tang, W.-H. Chen.....325

Growth and Development Responses of Tobacco (*Nicotiana tabacum* L.) to Changes in Physical and Hydrological Soil Properties Due to Minimum Tillage

F. Orlando, M. Napoli, A. D. Marta, F. Natali, M. Mancini, C. Zanchi, S. Orlandini.....334

Infraspecific Delimitation of *Acacia senegal* (Fabaceae) in Uganda

J. W. Mulumba, E. Kakudidi.....345

Effect of Kaolin Film Particle Applications (Surround WP[®]) and Water Deficit on Physiological Characteristics in Rose Cut Plants (*Rose spp* L.)

Y. M. Sotelo-Cuitiva, H. Restrepo-Díaz, A. García-Castro, A. Ramirez-Godoy, V. J. Flórez-Roncancio.....354

A Research of the Environmental and Social Effects of the Adoption of Biotechnological Practices for Soybean Cultivation in Argentina

G. F. Botta, A. Tolón-Becerra, X. Lastra-Barvo, M. C. Tourn.....359

Rejuvenation and Adventitious Rooting in Coppice-Shoot Cuttings of *Tectona grandis* as Affected by Stock-Plant Etiolation

A. Husen.....370

Effects of Soil Properties on Growth of Young Tree Seedling in Logged-over Tropical Rain Forest in Mayombe, Congo

S. V. Pangou, J.-P. Kampe, N. De Zoysa, S. R. Tompsett.....375

Vascular Plants of the Maritime Antarctic: Origin and Adaptation

I. Parnikoza, I. Kozeretska, V. Kunakh.....381

A Survey of Genetic Diversity of the Weedy Species *Ipomoea lacunosa* L. in the USA Mid-South

N. R. Burgos, D. O. Stephenson, H. A. Agrama, L. R. Oliver, J. A. Bond.....396

Genotype-by-Environment Interaction and Yield Stability Analysis in Finger Millet (*Eleusine coracana* L. Gaertn) in Ethiopia

A. Adugna, T. Tesso, E. Degu, T. Tadesse, F. Merga, W. Legesse, A. Tirfessa, H. Kidane, A. Wole, C. Daba.....408

Analysis of Genetic Diversity in *Poeciloneuron pauciflorum* Bedd.—An Endemic Tree Species from the Western Ghats of India

P. P. Pillai, J. S. Sajan, K. M. Menon, A. S. Hemanthakumar, A. G. Pandurangan, P. N. Krishnan, S. Seenii.....416

Assessment of Genetic Diversity in Contrasting Sugarcane Varieties Using Inter-Simple Sequence Repeat (ISSR) Markers

M. L. M. da Costa, L. L. B. Amorim, A. V. C. Onofre, L. J. O. T. de Melo, M. B. M. de Oliveira,
R. de Carvalho, A. M. Benko-Iseppon.....425

Identification of Molecular Markers Linked to Leaf Rust Resistance Genes in Wheat and Their Detection in the Local Near-Isogenic Line

N. K. Dhillon, H. S. Dhaliwal.....433

Influence of Pressure on Germination of Garden Cress, Leaf Mustard, and Radish Seeds at Various Temperatures

A. Shimizu, J. Kumakura.....438

Assessing Influence of Ozone in Tomato Seed Dormancy Alleviation

N. Sudhakar, D. Nagendra-Prasad, N. Mohan, B. Hill, M. Gunasekaran, K. Murugesan.....443

Rearing the Predator *Brontocoris tabidus* (Heteroptera: Pentatomidae) with *Tenebrio molitor* (Coleoptera: Tenebrionidae) Pupa on *Eucalyptus grandis* in the Field

J. C. Zanuncio, A. M. R. M. Ferreira, W. S. Tavares, J. B. Torres, J. E. Serrão, T. V. Zanuncio.....449

Evaluation of the Incidence and Severity of Olive Leaf Spot Caused by *Spilocaea oleagina* on Olive Trees in Palestine

M. Salman, A.-A. Hawamda, A. Al-A. Amarni, M. Rahil, H. Hajjeh, B. Natsheh, R. Abuamsha.....457

Genetic Diversity of the Pepper Pathogen *Phytophthora capsici* on Farms in the Amazonian High Jungle of Peru

J. Hulvey, O. Hurtado-Gonzalez, L. Aragón-Caballero, D. Gobena, D. Storey, L. Finley, K. Lamour.....461

Conversion of Banana Synseed Influenced by the Bead Type and Seed Coat

A. Hassanein, I. A. Ibraheim, A.-N. Galal, J. Salem.....467

Purified Wheat Gliadin Proteins as Immunoglobulin E Binding Factors in Wheat Mediated Allergies

J. Waga, K. Obtulowicz, J. Zientarski, E. Czarnobilska, A. Skoczowski.....476

Seed Morphology of Some Species of *Indigofera* (Fabaceae) from Saudi Arabia (Identification of Species and Systematic Significance)

F. A. Al-Ghamdi.....484

The Taxonomic History and Original Literatures Arrangements of Living *Cephalotaxus* (Cephalotaxaceae)

X. D. Lang, J. R. Su, Z. J. Zhang, S. G. Lu.....496

Chemical Compositions of the Leaf Essential Oils of *Aralia spinosa* from Three Habitats in Northern Alabama

P. C. Davé, B. Vogler, W. N. Setzer.....507

The Benefits of Exogenous NO: Enhancing *Arabidopsis* to Resist *Botrytis cinerea*

H. Y. Yang, X. D. Zhao, J. Wu, M. Hu, S. L. Xia.....511

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2011, Vol. 2, No. 3, pp. 283-286 by Mudassar Iqbal, Fayaz Ahmad Butt, Anima Langer and Afroz Alam.