

## Table of Contents

Volume 5 Number 26

December 2014

### ***Ougenioxylon chinjiensis* sp. nov., a New Fossil Species of the Family Leguminosae from Chinji Formation Salt Range, Punjab Pakistan**

N.-U.-A. Soomro, B. A. Arain, M. T. M. Rajput.....3745

### **GC-MS Analysis of the Essential Oil and Methanol Extract of the Seeds of *Steganotaenia araliacea* Hochst**

M. S. Demoz, K. P. Gachoki, K. J. Mungai, B. G. Negusse.....3752

### **Morphogenetic Study of Pepino and Other Members of Solanaceae Family**

H. Ahmad, A. Khan, K. Muhammad, M. S. Nadeem, W. Ahmad, S. Iqbal, A. Nosheen, N. Akbar, I. Ahmad,  
Y. X. Que.....3761

### **Physiological Performance of Common Bean Seeds Treated with Bioactivator with and without Moisture Restriction**

A. da Silva Almeida, F. A. Villela, G. E. Meneghelli, C. Deuner, L. M. de Tunes, P. D. Zimmer, A. Jauer.....3769

### **Relative Competitiveness of Nimblewill (*Muhlenbergia schreberi*) with Tall Fescues and Kentucky Bluegrass**

P. V. D. Moraes, W. W. Witt, T. D. Phillips, P. Rossi, L. E. Panizzo.....3777

### **Physiological Performance of Rice Seeds Treated to Thiamethoxam and Placed under Storage**

A. da Silva Almeida, C. Deuner, C. T. Borges, A. Jauer, G. E. Meneghelli, L. M. de Tunes, F. A. Villela, P. D. Zimmer...3788

### ***Piptadenia stipulacea* (Benth.) Ducke Seed Germination in Response to Temperature, Light and Water Stress**

F. C. B. Nogueira, M. L. Bezerra, C. L. Pinheiro, S. F. de Brito, S. Medeiros Filho.....3796

### **Corynespora Leaf Blight of Cotton in Brazil and Its Management**

R. Galbieri, D. C. E. B. Araújo, L. Kobayashi, L. Girotto, J. N. Matos, M. S. Marangoni, W. P. Almeida, Y. R. Mehta....3805

### **Possible Application of the Medicinal Plant *Hyoscyamus albus* in Phytoremediation: Excess Copper Compensates for Iron Deficiency, Depending on the Light Conditions**

N. Tamari, A. Mine, A. Sako, S. Tamagawa, Y. Tabira, Y. Kitamura.....3812

### **Response of Moderate Pest Resistant and Susceptible Cultivar of Sugarcane to Silicon Application**

M. Vilela, J. C. Moraes, M. Coelho, J. Françoso, T. M. dos Santos-Cividanes, R. Sakomura.....3823

### **Effects of Plastic Film Mulching on Quality and Appearance of Statuma Mandarin Fruit**

G. F. Zhang, S. X. Xie.....3829

**Micropagation of Kebericho: An Endangered Ethiopian Medicinal Plant**

B. Manahlie, T. Feyissa.....3836

**Characterization of an Early Berry Development Grapevine Somatic Variant (*Vitis labrusca* L. cv. Isabel Precoce)**

G. Passaia, M. Margis-Pinheiro, F. B. Fialho, F. Sbeghen, D. D. Porto, L. F. Revers.....3848

**Preliminary Study on Seedling Growth Rhythm and Grey Correlation Analysis of Rubber (*Hevea brasiliensis*) Seedlings in Danzhou District, Hainan**

D. L. Qi, C. Yang, G. S. Xie, Z. X. Wu.....3866

**Genotypic Effect of Rootstock and Scion on Grafting Success and Growth of Kola (*Cola nitida*) Seedlings**

A. M. Dadzie, A. Akpertey, J. Yeboah, S. Y. Opoku, A. Ofori, S. Lowor, R. Ackyeampong, P. Adu-Yeboah, M. Asamoah, F. M. Amoah.....3873

**Ecological Study of Bryophytes on *Platanus orientalis* L. Trees in Nainital (Western Himalaya)**

R. Bargali, V. Awasthi, N. Pande.....3880

**Effects of Addition of *Lactobacillus plantarum* and *Enterococcus faecium* Inoculants to High-Nitrogen Fertilized Timothy (*Phleum pratense* L.) on Fermentation, Nutritive Value, and Feed Intake of Silage**

P. Wang, K. Souma, H. Okamoto, T. Yano, M. Nakano, A. Furudate, C. Sato, J. B. Zhang, T. Masuko.....3889

**Antifungal Activity of Oleoresin and Fractions of *Pinus elliottii* Engelm and *Pinus tropicalis* against Phytopathogens**

G. Andrade, F. Abrão, P. Silva, S. R. Ambrósio, R. C. S. Veneziani, W. R. Cunha, R. H. Pires, C. H. G. Martins.....3898

**Foliar Epidermal and Pollen Characters of Some Species in the Genus *Microcos* Linn. in Nigeria**

E. O. Shokefun, E. A. Orijemie, A. E. Ayodele.....3904

**Italian Ryegrass (*Lolium perenne* ssp. *multiflorum*) and Corn (*Zea mays*) Competition**

V. K. Nandula.....3914

**Cytotoxic Activity of Stem Bark Extracts from *Canarium odontophyllum* Miq (Dabai) against Human Colorectal Carcinoma HCT 116 Cell Line**

D. F. Basri, M. A. Al Rasyid Mohd, C. K. Meng, E. S. Latif, F. Z. Huyop.....3925

**Control of Glyphosate and Acetolactate Synthase Resistant Common Ragweed (*Ambrosia artemisiifolia* L.) in Soybean (*Glycine max* L.) with Preplant Herbicides**

A. C. Van Wely, N. Soltani, D. E. Robinson, D. C. Hooker, M. B. Lawton, P. H. Sikkema.....3934

**Interaction of the Bioherbicide *Myrothecium verrucaria* and Glyphosate for Kudzu Control**

C. D. Boyette, R. E. Hoagland, M. A. Weaver, K. C. Stetina.....3943

**Cloning of Three Antiporter Genes from Arabidopsis and Rice for Over-Expressing Them in Farmer Popular Tomato Varieties of Bangladesh**

S. Razzaque, D. Chakraborty, R. S. Tammi, S. M. Elias, Z. I. Seraj, A. Islam.....3957

**Effect of Cigarette Smoke on Diabetic Skin and Protection with Topical Administration of *Pinus halepensis* Extract**

- V. Zoumpliou, M. Stamatidi, C. Vassiliadis, M. Rallis, G. T. Papaioannou, S. Liakos, A. Angelou, S. Daskalaki, M. Kyriazi, V. Roussis, C. Vagias.....3964

**Genetic Engineering of Field, Industrial and Pharmaceutical Crops**

- H. P. Singh, B. P. Singh.....3974

**Chemical Characterization and Application of the Essential Oils from *Chenopodium ambrosioides* and *Philodendron bipinnatifidum* in the Control of *Diabrotica speciosa* (Coleoptera: Chrysomelidae)**

- J. A. Santiago, M. G. Cardoso, A. C. S. Figueiredo, J. C. Moraes, F. A. Assis, M. L. Teixeira, W. D. Santiago, T. A. Sales, K. C. Camargo, D. L. Nelson.....3994

**Effect of Row Spacing on Seed Isoflavone Contents in Soybean [*Glycine max* (L.) Merr.]**

- B. Ragin, M. Akond, S. Kantartzzi, K. Meksem, H. Herrera, C. Akbay, D. A. Lightfoot, M. A. Kassem.....4003

**Gas Exchanges and Biological Nitrogen Fixation in Soybean under Water Restriction**

- P. Cerezini, A. E. Pípolo, M. Hungria, M. A. Nogueira.....4011

**Isolation and Expression Profiling of a *CONSTANS-Like* Gene and Two *FLOWERING LOCUS T-Like* Genes from *Spinacia oleracea* L.**

- E. Abe, K. Fujino, K. Masuda, Y. Yamaguchi.....4018

**Identification of Alkaloid's Profile in *Ficus benjamina* L. Extracts with Higher Antioxidant Power**

- S. Novelli, C. Lorena, C. Antonella.....4029

**Leaching Potential of Diuron and Linuron in Gaza Soils**

- Y. El-Nahhal, M. Abadsa, S. Affifi.....4040

**Isolation and Characterization of Nitrogen Fixing Rhizobia from Cultivated and Uncultivated Soils of Northern Tanzania**

- Z. Simon, K. Mtei, A. Gessesse, P. A. Ndakidemi.....4050