

TABLE OF CONTENTS

Volume 3 Number 6

June 2012

Glimpses of the Lichen Flora of Achanakmar-Amarkantak Biosphere Reserve in Central India

- A. N. Shukla, K. P. Singh..... 697

In Vitro Organogenesis of *Colocasia esculenta* cv. *antiquorum* L.

- M. J. Hossain..... 709

Influence of Exogenously Applied Epibrassinolide and Putrescine on Protein Content, Antioxidant Enzymes and Lipid Peroxidation in *Lycopersicon esculentum* under Salinity Stress

- S. Slathia, A. Sharma, S. P. Choudhary..... 714

Physiological Mechanism of Nitrogen Mediating Cotton (*Gossypium hirsutum* L.) Seedlings Growth under Water-Stress Conditions

- Z. G. Zhou, D. M. Oosterhuis..... 721

Genetic Variation in *Picea mariana* × *P. rubens* Hybrid Populations Assessed with ISSR and RAPD Markers

- R. Narendrula, K. K. Nkongolo..... 731

Study on Effect of Different Varieties Configuration upon Yield of Yan Mountain Chestnut

- Q. Wang, S. C. Su, D. Zhao, Y. R. Kou..... 738

Therapeutic Effects of Essential Oil from Waste Leaves of *Psidium guajava* L. against Cosmetic Embarrassment Using Phylogenetic Approach

- A. Kamran, R. K. Mishra, R. Gupta, A. Kumar, A. K. Bajaj, A. Dikshit..... 745

A Flower Specific Calcineurin B-Like Molecule (CBL)-Interacting Protein Kinase (CIPK) Homolog in Tomato Cultivar Micro-Tom (*Solanum lycopersicum* L.)

- T. Yuasa, Y. Ishibashi, M. Iwaya-Inoue..... 753

Differential Proteome Analysis of *Chlamydomonas reinhardtii* Response to Arsenic Exposure

- C. Walliwagedara, H. van Keulen, B. Willard, R. Wei..... 764

Effectiveness of Bacterial and Fungal Isolates to Control *Phoma lingam* on Oilseed Rape *Brassica napus*

- O. Hammoudi, M. Salman, R. Abuamsha, R.-U. Ehlers..... 773

Exploring the Insecticidal Potentiality of *Amorphophallus paeonifolius* Tuber Agglutinin in Hemipteran Pest Management

- H. A. Mondal, A. Roy, S. Gupta, S. Das..... 780

Sterilization of *Hibiscus rosa-sinensis* L. Vegetative Explants Sourced from Plants Grown in Open Environment and Influences of Organic Ingredients on *In Vitro* Direct Regeneration

C. T. Dar, J. O. Abdullah, P. Namasivayam, S. H. Roowi..... 791

A New Fuzzless Seed Locus in an Upland Cotton (*Gossypium hirsutum* L.) Mutant

E. Bechere, R. B. Turley, D. L. Auld, L. H. Zeng..... 799

Comparative Morphology and Anatomy of Non-Rheophytic and Rheophytic Types of *Adenophora triphylla* var. *japonica* (Campanulaceae)

K. Ohga, M. Muroi, H. Hayakawa, J. Yokoyama, K. Ito, S.-I. Tebayashi, R. Arakawa, T. Fukuda..... 805

Identification of DNA Photolyase Gene of a Drought Tolerance Branching Line of Kenaf (*Hibiscus cannabinus* L.)

E. L. Arumingtyas, N. Basuki, S. B. Sumitro, Sudjindro..... 810

Understanding the Phylomorphological Implications of Pollinia from *Dendrobium* (Orchidaceae)

B. Chaudhary, P. Chattopadhyay, N. Verma, N. Banerjee..... 816

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2012, Vol. 3, No. 6, pp. 697-708 by Achuta Nand Shukla and Krishna Pal Singh.