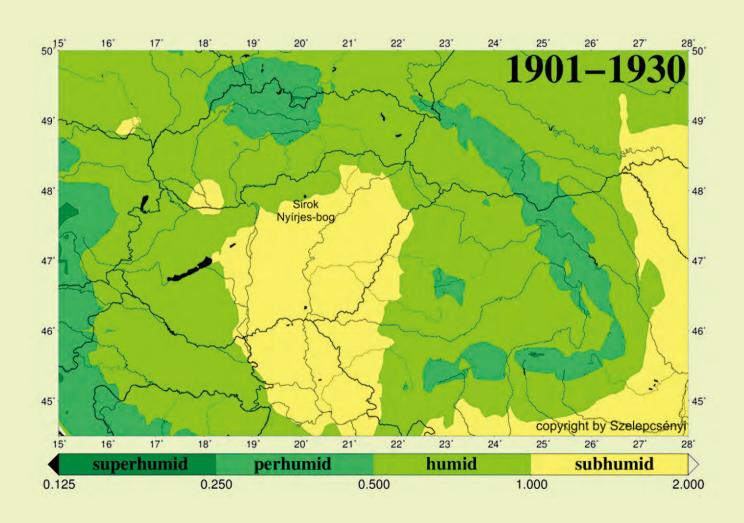




American Journal of Plant Sciences





Journal Editorial Board

ISSN: 2158-2742 (Print) ISSN: 2158-2750 (Online)

http://www.scirp.org/journal/ajps

Editor-in-Chief

Dr. Sukumar Saha US Department of Agriculture, USA

Editorial Board

Prof. Ibrokhim AbdurakhmonovAcademy of Sciences of Uzbekistan, UzbekistanDr. Ashok AhujaIndian Institute of Integrative Medicine, India

Prof. Mehmet Emin Aydin Selcuk University, Turkey

Dr. Efrem Bechere US Department of Agriculture, USA

Dr. Ramesh BuyyarapuDow AgroSciences, USADr. Salah El-Sayed El-HendawySuez Canal University, EgyptProf. Kunshan GaoXiamen University, China

Prof. Li-Zhi Gao Chinese Academy of Sciences, China

Dr. Melaku A. Gedil International Institute of Tropical Agriculture, Ethiopia

Dr. Samuli Helama University of Lapland, Finland

Dr. Chandra Prakash Kala Indian Institute of Forest Management, India

Dr. Mehmet Karaca Akdeniz University, Turkey

Prof. Kyoung-Woong Kim Gwangju Institute of Science and Technology, South Korea

Dr. Stanislav KoprivaJohn Innes Institute, UKDr. Süleyman KorkutDuzce University, TurkeyDr. Vikas KumarBanaras Hindu University, IndiaProf. Din-Pow MaMississippi State University, USAProf. Amit MitraUniversity of Nebraska, USA

Dr. Adele Maria Muscolo
University Mediterranea di Reggio Calabria, Italy
Dr. P. K. Nagar
Institute of Himalayan Bioresource Technology, India

Prof. Maria Papafotiou Agricultural University of Athens, Greece

Prof. Antonios Philippoussis National Agricultural Research Foundation, Greece

Dr. Oscar J. Rocha Kent State University, USA

Dr. R. R. Sharma Indian Agricultural Research Institute, India

Dr. Toshiyuki Shibata Mie University, Japan

Dr. Rajbir Singh Directorate of Water Management, India

Dr. Sylvia Urban RMIT University, Australia

Dr. Kailas Wasewar Visvesvaraya National Institute of Technology, India

Dr. John Z. YuUS Department of Agriculture, USAProf. Tianzhen ZhangNanjing Agricultural University, China

Prof. Wenjun Zhang Sun Yat-sen University, China

Prof. Zhiqiang ZhouChina Agricultural University, ChinaDr. Munir Hussain ZiaUS Department of Agriculture, USA

Guest Reviewers

Hamed K. Abbas Patrick Covello Sylvia Fernandez-Pavia Hiroshi Fukumoto Rosatto Hector Gustavo Yaobo Hu Mark Jackson M. Krishnamurthi Ogita Shinjiro Robert D. Stipanivic Juan Vazquez Lingxiao Zhang



TABLE OF CONTENTS

Volume 4	Number 6 June 2	2013
	f Weed Control Efficacy and Seed Cotton Yield in Glyphosate Tolerant Transgenic Cotton ny, C. Chinnagounder, P. N. Krishnan	
	Genus Crescentia L. (Bignoniaceae) in India	
	kar, S. K. Srivastava, N. K. Dubey	.1164
-	icropropagation in <i>Hybanthus enneaspermus</i> L. Muell ar, N. Arumugam, S. Muthuramkumar, G. Varatharaju, K. Rajarathinam	.1169
	Yield Responses of Switchgrass Ecotypes to Temperature , Y. Q. Wu, V. G. Kakani	.1173
	rsion of Carbohydrate Reserves from Pollen Maturation to Rehydration in a Chili Pepper , M. Guarnieri, E. Pacini	.1181
Paleobotanica	ate Impacts in Woodland and Forest Steppe Based on Holocene Paleoclimatic Trends, cal Change in Central Part of the Carpathian Basin (Hungary) G. Jakab, P. Sümegi, Z. Szelepcsényi, T. Törőcsik	1187
Effect of Culti (Glycine Max	tivation Pattern on the Light Radiation of Group Canopy and Yield of Spring Soybean	
Proteomics: A	A Successful Approach to Understand the Molecular Mechanism of Plant-Pathogen	
	P. Hembram, N. Tep, J. Basak.	.1212
	Jncovers a Role for Enhanced Ultraviolet-B Radiation on Wheat Leaves X. Tian, Z. H. Jia	.1227
	Approach for the Conservation of <i>Meizotropis pellita</i> : An Endangered and Endemic Plant K. Nailwal, L. Tewari	.1233
-	Efficacy of Different Herbicides for Weed Management and Yield Attributes in Wheat X. Nie, A. Rahman, C. Chen, C. Wu, S. Saud, J. L. Huang	.1241
the Applicatio	of Potential Species <i>Croton bonplandianum</i> , Sedges and <i>Balanitis aegyptiaca</i> for on of Phytoremediation	
	Dave, K. Panchal, R. B. Subramanian	.1246
(Panax quinqu	Ginsenoside Production in Leaves and Roots of Wild American Ginseng quefolius) , K. D. Keen, J. L. Horton, H. D. Clarke, J. R. Ward	1252
	cement Affects Weed Growth and Grain Yield in Dry-Seeded Rice (<i>Oryza sativa</i> L.) Systems	
	an, S. B. Abugho	.1260

Copyright © 2013 SciRes.

American Journal of Plant Sciences, 2013, 4, 1159-1308

Published Online June 2013 in SciRes (http://www.scirp.org/journal/ajps/)



Artemisia vulgaris L. Chemotypes	
J. D. Williams, M. A. Campbell, M. C. Jaskolka, T. Y. Xie.	1265
Natural Products Potential and Scope for Modern Cancer Research	
R. Nema, S. Khare, P. Jain, A. Pradhan, A. Gupta, D. Singh.	1270
The Relative Importance of Nitrogen vs. Moisture Stress May Drive Intraspecific Variations	
in the SLA-RGR Relationship: The Case of <i>Picea mariana</i> Seedlings	
P. LeBel, R. L. Bradley, N. Thiffault.	1278
Effects of Exogenous Nitric Oxide on Wheat Exposed to Enhanced Ultraviolet-B Radiation	
L. Y. Yang, R. Han, Y. Sun.	1285
Effects of Root Extracts from <i>Panax ginseng C. A. Meyer (Araliaceae)</i> of Different Ages on K562 Cells	
X. N. Lyu, Y. Z. Zhang, Q. Mu, Z. Cheng, J. K. Chen, W. J. Zhang	1291
Responses of Japanese Soybeans to Hypoxic Condition at Rhizosphere Were Different Depending upon	
Cultivars and Ambient Temperatures	
Y. Jitsuyama	1297

The figure on the front cover is from the article published in American Journal of Plant Sciences, 2013, Vol. 4, No. 6, pp. 1187-1203 by Katalin Náfrádi, Gusztáv Jakab, Pál Sümegi, Zoltán Szelepcsényi and Tünde Törőcsik.

Copyright © 2013 SciRes.

American Journal of Plant Sciences (AJPS)

Journal Information

SUBSCRIPTIONS

The American Journal of Plant Sciences (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright@2013 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assumes no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: ajps@scirp.org





American Journal of Plant Sciences

ISSN: 2158-2742 (Print) ISSN: 2158-2750 (Online)

http://www.scirp.org/journal/ajps

American Journal of Plant Sciences (AJPS) is a peer reviewed international journal dedicated to the latest advancement in related areas. The goal of this journal is to keep a record of the state-of-the-art research and to promote study, research and improvement within its various specialties.

Editor-in-Chief

Dr. Sukumar Saha

US Department of Agriculture, USA

Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

- Agricultural Botany
- Agronomy
- Bryology
- Dendrochronology
- Economic Botany
- Ethnobotany
- Forestry
- Horticulture
- Integrated Pest Management and Integrated Resistant Management
- Lichenology
- Medicinal Plants
- Paleobotany
- Palynology
- Phycology
- Phylogenetics and Evolution
- Phytochemistry
- Phytopathology
- Plant Anatomy

- Plant Based Biofuels and Bioenergy
- Plant Biotechnology and Tissue Culture
- Plant Breeding
- Plant Cytogenetics and Cytology
- Plant Ecology
- Plant Genetic Resources and Databases
- Plant Genetics
- Plant Genomes, Bioinformatics and Genomics
- Plant Host-Pathogen Interactions
- Plant Molecular Biology and Evolution
- Plant Morphology
- Plant Nutrition
- Plant Physiology
- Plant Polyploidy
- Plant Protection
- Plant Proteomics and Metabolomics
- Plant Systematics
- Transgenic Crops and Their Products

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of *AJPS*.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

E-mail: ajps@scirp.org

Website and E-Mail

http://www.scirp.org/journal/ajps

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science, by delivering superior scientific publications and scientific information solution provider that enable advancement in scientific research.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, world-wide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- •High visibility for maximum global exposure with open access publishing model
- •Rigorous peer review of research papers
- Prompt faster publication with less cost
- •Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org