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H. Kawase, Kyoto University, Japan (Ed)

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S. I. Huq, Bangladesh Council of Scientific and Industrial Research (BCSIR), Dhaka, Bangladesh; J. U. Shoalib, Soil Resource Development Institute (SRDI), Dhaka, Bangladesh

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<table>
<thead>
<tr>
<th>Title</th>
<th>Subtitle</th>
<th>Authors</th>
<th>Pages, Illustrations, Editions, Prices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combating Water Scarcity in Southern Africa</td>
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<td>J. P. Msangi, Windhoek, Namibia (Ed)</td>
<td>2013</td>
</tr>
<tr>
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<td></td>
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<td>2013</td>
</tr>
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<td>2013</td>
</tr>
<tr>
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</tr>
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</tr>
</tbody>
</table>
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T. Fenning, Forestry Commission, Edinburgh, UK (Ed)
Challenges and Opportunities for the World’s Forests in the 21st Century

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D. R. Gang, Washington State University, Pullman, WA, USA (Ed)
50 Years of Phytochemistry Research
Volume 43

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D. K. Gupta, F. J. Corpas, J. M. Palma, CSIC, Granada, Spain (Eds)
Heavy Metal Stress in Plants

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S. K. Gupta, University of Agricultural Sciences & Technology of Jammu, India (Ed)
Biotechnology of Crucifers

This book examines recent advances in the field and looks to the future of genetic engineering and manipulation. It will benefit students, nutritionists, and biotechnologists, as well as researchers engaged in the improvement of Brassicas.

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S. Gursky-Doyen, N. Grow, A. Krzton, Texas A&M University, College Station, TX, USA (Eds)

**High Altitude Primates**

This volume examines how high altitude affects the behavior, ecology, evolution and conservation status of primates, especially in comparison to lowland populations. It gives examples of how geographic scales result in diversification and/or speciation.

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- € 129,99 | £117.00
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D. T. Hanson, University of New Mexico, Albuquerque, NM, USA; S. K. Rice, Union College, Schenectady, NY, USA (Eds)

**Photosynthesis in Bryophytes and Early Land Plants**

This book reveals unique physiological approaches to achieving carbon balance and dealing with environmental limitations and stresses that present an alternative, yet successful, strategy for land plants.

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K. R. Hakeem, University Putra Malaysia, Malaysia; R. U. Rehman, I. Tahir, University of Kashmir, India (Eds)

**Plant signaling: Understanding the molecular cross-talk**

Plant signaling has emerged as an integrated field which has become indispensable in recent times to study any biological process. Over the last decade, an enormous amount of information has been generated in this field and the advances in information technology gave birth to bioinformatics which has helped greatly in managing the galaxy of information. It is now possible to view the different informations in a systems biology approach which has unravelled the association/new processes and thus helped us enormously in understanding of the biological processes. The present book is an attempt at understanding the plant signalling processes with different perspectives. Even though the plants are sessile but there exists a tremendous interconnected network of perception at morphological, physiological and molecular levels.

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D. C. Hayes, S. L. Stout, R. F. Crawford, A. P. Hoover (Eds)

**USDA Forest Service Experimental Forests and Ranges**

The USDA Forest Service Experimental Forests and Ranges (EFRs) offer sites where ecological processes can be studied over time. This book explores the promise of this long-term research and new ways of using the network of EFRs to answer current questions.

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H. Heege, University of Kiel, Germany (Ed)

**Precision in Crop Farming**

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C. Hobohm, University of Flensburg, Germany (Ed)

**Endemism in Vascular Plants**

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D. M. Joel, Agricultural Research Organization, Ramat-Yishay, Israel; J. Gressel, Weizmann Institute of Science, Rehovot, Israel; L. J. Musselman, Old Dominion University, Norfolk, VA, USA (Eds)

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J. KJEMS, E. Ferapontova, K. V. Gothelf, Aarhus University, Denmark (Eds)

Nucleic Acid Nanotechnology

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A. G. Kutikhin, Kemerovo State Medical Academy, Russia; A. E. Yuzhalin, Russian Academy of Medical Sciences, Kemerovo, Russia

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J. S. Latimer, U.S. EPA, Narragansett, RI, USA; P. E. Stacey, Great Bay National Estuarine Research Reserve, Durham, NH, USA; C. Yarish, University of Connecticut, Stamford, CT, USA; R. L. Swanson, Stony Brook University, NY, USA; C. Garza, California State University, Seaside, CA, USA; M. A. Tedesco, U.S. EPA Long Island Sound Office, Stamford, CT, USA (Eds)

**Long Island Sound**

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G. E. Likens, Cary Institute of Ecosystem Studies, Millbrook, NY, USA

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R. Ming, University of Illinois, Urbana, IL, USA; P. H. Moore, Hawaii Agriculture Research Center, Waipahu, HI, USA (Eds)

**Genetics and Genomics of Papaya**

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A. Mitra, University of Calcutta, West Bengal, India

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L. Porter-Bolland, Instituto de Ecología, A. C., Xalapa, Mexico; I. Ruiz-Mallén, Institute of Environmental Science and Technology, Bellaterra, Barcelona, Spain; C. Camacho-Benavides, Global Diversity Foundation, Xalapa, Mexico; S. R. McCandless, Global Diversity Foundation, Bristol, VT, USA (Eds)

**Community Action for Conservation**
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P. Pontarotti, University of Aix-Marseille, Marseille, France (Ed)

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D. Praticò, Temple University, Philadelphia, PA, USA; P. Mecocci, Università degli Studi di Perugia, Italy (Eds)

**Studies on Alzheimer’s Disease**

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M. Rahman, University of California, Davis, CA, USA; S. Laurent, University of Mons, Belgium; N. Tawil, L. Yahia, École Polytechnique de Montréal, Montréal, QC, Canada; M. Mahmoudi, Pasteur Institute of Iran, Tehran, Iran

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M. Razzaghi-Abyaneh, Pasteur Institute of Iran, Tehran, Iran; M. Rai, Amravati University, India (Eds)

**Antifungal Metabolites from Plants**
C. A. Rebeiz, Rebeiz Foundation for Basic Research, Champaign, IL, USA

**Chlorophyll Biosynthesis and Technological Applications**

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M. Romeralo, S. Baldauf, Uppsala University, Sweden; R. Escalante, Instituto de Investigaciones Biomedicas, Madrid, Spain (Eds)

**Dictyostelids**

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H. Schatten, University of Missouri-Columbia, MO, USA (Ed)

**Cell and Molecular Biology of Breast Cancer**

Highlighting recent advances in our understanding of breast cancer, this book is intended for a wide audience as a reference book. Included are reviews of genetics, epigenetics, various aspects of cell and molecular biology, and several other areas of breast cancer that are aimed at determining new intervention sites for treatments and cures of the disease. The chapters are written by internationally recognized experts and include reviews of key topics in breast cancer research. Each chapter highlights the new aspects of specific research topics, the various impacts of designing new strategies, and identifies new targets for therapeutic intervention.

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S. Sell, New York State Health Department, Albany, NY, USA (Ed)

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K. Sokolowska, University of Wrocław, Poland; P. Sowiński, University of Warsaw, Poland (Eds)

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M. Sivakumar, World Meteorological Organization (WMO), Geneva, Switzerland; R. Lal, Ohio State University, Columbus, OH, USA; R. Selvaraju, Food and Agriculture Organization (FAO), Rome, Italy; I. Hamdan, AARINENA, Amman, Jordan (Eds)

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P. N. Suravajhala, Bioclues.org, Secunderabad, India

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Y. Vodovotz, University of Pittsburgh, PA, USA; G. An, University of Chicago, IL, USA (Eds)

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_D. E. Walter, Royal Alberta Museum, Edmonton, AB, Canada; H. C. Proctor, University of Alberta, Edmonton, AB, Canada_

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_Q. Zhang, Huazhong Agricultural University, Wuhan, China; R. A. Wing, University of Arizona, Tucson, AZ, USA (Eds)_

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