HELIA

EDITOR IN CHIEF
Dragan Škorić, Serbia

MANAGING EDITOR
Zvonimir Sakač, Serbia

EDITORIAL BOARD
Walter Anyanga, Uganda
Yakov Demurin, Russia
Maria Duca, Moldova
Valentina Entcheva, Bulgaria
Jose Fernández-Martinez, Spain
Wolfgang Friedt, Germany
Oleg Gorbachenko, Russia
Antonio Hall, Argentina
Renate Horn, Germany
Brent Hulke, USA
Yalcin Kaya, Turkey
Nataliya Kutishscheva, Ukraine
Nicolas Langlade, France
Maria Pacureanu-Joita, Romania
Begoña Pérez-Vich, Spain
Monica Poverene, Argentina
Lili Qi, USA
Mulpuri Sujatha, India
Gian Paolo Vannozzi, Italy
Kirichenko Victor Vasyljovich, Ukraine
Felicity Vear, France
Abelardo de la Vega, Argentina-Spain
Jovan Crnobarac, Serbia
Ferenc Viranyi, Hungary
Jun Zhao, China

DE GRUYTER

HELIA is published by the Serbian Academy of Sciences and Arts (SASA), Branch in Novi Sad in cooperation with De Gruyter. HELIA publishes original theoretical, experimental and technical contributions arising from the scientific study of sunflower crops and farming systems. The subject fields covered include crop agronomy; sunflower genetic resources; sunflower improvement and breeding; phytopathology and plant protection; sunflower physiology, biochemistry, metabolism, structure, genetics, at diverse levels of integration; ecology; soil, water and mineral nutrition management and farming systems.

ABSTRACTED/INDEXED IN AGRICOLA (National Agricultural Library) · Baidu Scholar · CABI (over 50 subsections) · CNKI Scholar (China National Knowledge Infrastructure) · CNPIEC: cnpLINKer · Dimensions · EBSCO (relevant databases) · EBSCO Discovery Service · Genamics JournalSeek · Google Scholar · Japan Science and Technology Agency (JST) · J-Gate · JournalGuide · JournalTOCs · KESLI-NDSL (Korean National Discovery for Science Leaders) · MyScienceWork · Naver Academic · Naviga (Softweco) · Primo Central (ExLibris) · ProQuest (relevant databases) · Publons · QOAM (Quality Open Access Market) · ReadCube · SCImago (SJR) · SCOPUS · Semantic Scholar · Sherpa/RoMEO · Summon (ProQuest) · TDNet · Ulrich's Periodicals Directory/ulrichsweb · WanFang Data · WorldCat (OCLC) · X-MOL · Yewno Discover

ISSN 1018-1806 · e-ISSN 2197-0483

All information regarding notes for contributors, subscriptions, Open Access, back volumes and orders is available online at http://www.degruyter.com/journals/helia.

EDITOR IN CHIEF Prof. Dr. Dragan Škorić, Serbian Academy of Sciences and Arts (SASA), Branch in Novi Sad, Nikole Pašića 6, 21000 Novi Sad, Serbia, e-mail: draganskoric@sbb.rs

MANAGING EDITOR Zvonimir Sakač, MSc., Institute of Field and Vegetable Crops, Industrial Crops Department, Maksima Gorkog 30, 21000 Novi Sad, Serbia, e-mail: zvonimir17@sbb.rs; maritimus17@gmail.com

PUBLISHER Walter de Gruyter GmbH, Berlin/Boston, Genthiner Straße 13, 10785 Berlin, Germany

JOURNAL COORDINATOR Ulrike Kitzing, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, e-mail: ulrike.kitzing@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Markus Kügel, De Gruyter, Rosenheimer Str. 143, 81671 München, Germany, Tel.: +49 89 76 902-424, e-mail: anzeigen@degruyter.com

TYPESETTING TNQ Technologies, Chennai, India

© 2022 Walter de Gruyter GmbH, Berlin/Boston and SASA, Branch in Novi Sad, Serbia

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim

MIX
Paper from responsible sources
FSC® C107500
FSC
www.fsc.org

Contents

Research Articles

Yakov Demurin, Yuliya Chebanova and Tatiana Zemtseva
Variability and inheritance of high stearic acid content in the seed oil of sunflower inbred lines —— 127

Asadolah Zareei Siahbidi, Abbas Rezaeizad and Mehdi Ghaffari
Combining ability of some sunflower parental lines in both normal and drought stress conditions —— 135

Kristina M. Levitskaya, Anatoliy I. Soroka and Viktor A. Lyakh
Evaluation of *Septoria* leaf spot (*Septoria helianthi*) alone and in combination with other foliar fungal spots on sunflower —— 151

Irina Chekhova
Sunflower is the main oil crop in Ukraine —— 167

Review Article

Kateryna Vasylkovska, Olha Andriienko, Valentyna Malakhovska and Olena Moroz
Analysis of changes in comfortable sunflower growing areas using the example of Ukraine —— 175