

**AAB Bioflux, Volume 13(2)
August, 30, 2021**

**Advances in Agriculture & Botanics –
International Journal of the Bioflux Society**

AAB



**International Standard Serial Number
Online ISSN 2067-6352; Print ISSN 2066-7639**

Published by Bioflux – three times per year

Editor-in-Chief

*Kovacs Eniko: USAMV Cluj, Cluj-Napoca (Romania). Contact for submission:
ek.bioflux@gmail.com*

Editors

*Abou Auda Mohamad Mahmoud: Alaqsa University, Gaza (Palestine)
Al-Qutob Mutaz: Al-Quds University (Palestine)
Askari Aliakbar: Armenian State Agrarian University, Yerevan (Armenia)
Ayyappan Vasudevan: Delaware State University, Dover (USA)
Badulescu Alina: University of Oradea, Oradea (Romania)
Bora Florin D.: Research Station for Viticulture & Enology Tg.Bujor, Galați (Ro)
Brejea Radu Petru: University of Oradea, Oradea (Romania)
Brown Simon: University of Tasmania, Launceston (Australia)
Bunnag Sumontip: Khon Kaen University, Muang Khon Kaen (Thailand)
Burny Philippe: Universite de Liege, Gembloux Agro-Bio Tech (Belgium)
Coroian Cristian: USAMV Cluj, Cluj-Napoca (Romania)
Ciortan Ioana: University of Craiova, Craiova (Romania)
Demayo Cesar G.: Mindanao State University, Lanao del Norte (Philippines)
Donici Alina: Research Station for Viticulture & Enology Tg.Bujor, Galați (Ro)
Doroftei Mihai: INCDD Tulcea (Romania)
Dulf Francisc: USAMV Cluj, Cluj-Napoca (Romania)
Elias Anna: Purdue University (USA)
Farooq Jehanzeb: Cotton Res. Inst., Ayub; Agric. Res. Inst., Faisalabad (Pakistan)
Gavriloaie Ionel-Claudiu: SC Bioflux SRL, Cluj-Napoca (Romania)
Hasanuzzaman Mirza: Kagawa Univ. (Japan); Sher-e-Bangla Agric. Univ. (Bangladesh)
Ionescu Tudor: University of Oradea, Oradea (Romania)
Kporou Kouassi Elisee: Jean Lorougnon Guédé University (Ivory Coast)
Lebailly Philippe: University of Liege, Gembloux Agro-Bio Tech (Belgium)
Maxim Aurel: USAMV Cluj, Cluj-Napoca (Romania)
Mihaiescu Tania: USAMV Cluj, Cluj-Napoca (Romania)
Moldovan Mihai: USAMV Cluj, Cluj-Napoca (Romania)
Muntean George Catalin: USAMV Cluj, Cluj-Napoca (Romania)
Muntean Sorin: USAMV Cluj, Cluj-Napoca (Romania)
Oroian Firuta Camelia: USAMV Cluj, Cluj-Napoca (Romania)
Pandey Praveen: Central Institute of Medicinal and Aromatic Plants, Lucknow (India)
Papuc Tudor: USAMV Cluj, Cluj-Napoca (Romania)
Parsaeimehr Ali: Jiangsu Academy of Agricultural Sciences, Nanjing (China)
Petrescu-Mag Ioan Valentin: USAMV Cluj, Cluj-Napoca, Univ. Oradea (Romania); IBFF (Moldova)
Petrescu-Mag Ruxandra Malina: Babes-Bolyai University, Cluj-Napoca (Romania);
Universite de Liege, Gembloux (Belgium)
Petrescu Dacinia Crina: Babes-Bolyai University, Cluj-Napoca (Romania); Universite de
Liege, Gembloux (Belgium)
Pimda Witaya: Khon Kaen University, Muang Khon Kaen (Thailand)
Popovic Rade: University in Novi Sad (Serbia)
Pricop Emilian: Natural Sciences Museum, Piatra-Neamt (Romania)
Proorocu Marian: USAMV Cluj, Cluj-Napoca (Romania)
Radu Tenter Ancuta - Babes-Bolyai University, Cluj-Napoca (Romania)
Samuil Costel: USAMV Iasi, Iasi (Romania)*

Sima Nicusor-Flavius: USAMV Cluj, Cluj-Napoca (Romania); BENA, Thessaloniki (Greece)
Sima Rodica Maria: USAMV Cluj, Cluj-Napoca (Romania)
Shrestha Jiban: Nepal Agricultural Research Council (Nepal)
Tomescu Romica: ICAS Bucharest (Romania)
Varban Rodica: USAMV Cluj, Cluj-Napoca (Romania)
Vesa Stefan C.: University of Medicine and Pharmacy, Cluj-Napoca (Romania).

Contact Publisher. SC Bioflux SRL, 54 Ceahlău Street, Cluj-Napoca, 400488, Romania, European Union.

Ioan Valentin Petrescu-Mag, e-mail: zoobiomag2004@yahoo.com

Ruxandra Mălina Petrescu-Mag, e-mail: pmalina2000@yahoo.com

Online Fulltext, Open Access. Note that there is also an electronic version of the journal. You may download the fulltext version of AAB Bioflux – Volume 13/2021 from <http://www.aab.bioflux.com.ro/> - open access.

Peer-reviewed. All articles included in AAB Bioflux are peer-reviewed. Each published article was seen before by two reviewers and at least one specialist in foreign languages. The two peer-reviews are made independently; double blind peer-review is used.

Coverage

ISI Web of Science – Thomson Reuters (via CABI)

CAB International - CAB Abstracts (UK)

EBSCOhost (Ipswich, USA)

SOCOLAR (CEPIEC, China)

Wolters Kluwer - OVID LinkSolver (imported from CABI)

Ulrich's Periodicals Directory

Serials Solutions

CNCSIS - quoted B+

Datastar

STN International

CAB Direct (CABI's platform)

Dialog (Proquest)

Dimdi

Journal Tocs

Google Scholar – Academic Search Engine, and several tens of digital libraries.

Our collaborators

Socolar

The free scholastic search engine is established by China Educational Publications Import and Export Corporation (CEPIEC). Under the leadership of China Ministry of Education, CEPIEC is the only company dealing with publication ex-im business in the education field. CEPIEC has been serving colleges and universities, research institutions and public libraries in China for more than 20 years, providing them with excellent academic resources from all over the world. Contact: No 41 Zhong Guan Cun Street, Haidian District, Beijing, P.R.China 100080
Tel: +86 (0)10 6251 4068
e-mail: li_yanxia@cepiec.com.cn
Fax: +86 (0)10 6251 4068
www.cepiec.com.cn



CABI is a not-for-profit international organization that improves people's lives by providing information and applying scientific expertise to solve problems in agriculture and the environment. Their mission and direction is influenced by their member countries who help guide the activities they undertake. These include scientific publishing, development projects and research, and microbial services.

2010 marked 100 years of CABI. Since its beginnings as an entomological committee in 1910, it then developed into a Commonwealth organization before becoming a truly international service in agricultural information, pest identification and biological control in the mid 1980s.

EBSCOhost® databases are the most-used, premium online information resources for tens of thousands of institutions worldwide, representing millions of end-users.

Address: 10 Estes Street
Ipswich, MA 01938 USA
Phone: (978) 356-6500
Toll Free: (800) 653-2726 (USA & Canada)
Fax: (978) 356-6565
E-mail: information@ebSCOhost.com

Contents

Petrescu-Mag I. V., Proorocu M., 2021 Organic agriculture: Short communication on the current situation. AAB Bioflux 13(2):25-29.

Sandru M. D., 2021 Analysis of the spatial structure of a natural spruce and beech mixed stand (Slatioara Secular Forest). AAB Bioflux 13(2):30-41.

Dudas M. C., Sima R. M., Constantinescu M., Sima N. F., 2021 Water use efficiency in the production of crops: a review of current and potential applications in the context of climate change. AAB Bioflux 13(2):42-51.

Mititelu C., Ceornea C., Danila I. C., 2021 Influence of *Nectria ditissima* (Tul.) canker on wood volume of beech (*Fagus sylvatica*) in Obcinile Humorului (N. E. of Romania). AAB Bioflux 13(2):52-62.

