

Bartok Katalin

Paper title

Biodiversity of Romania - stressed by the transgenic cultures?

Abstract

Romania, located in the central part of Europe, is a meeting place of the biogeographic regions and ecological elements, too. The plains, hillsides and mountain regions are equally distributed in third-third proportions. Its biomes consisted primarily of forests (77%), steppe grasslands (16%), aquatic ecosystems and wetlands (5.8%), as well as alpine and subalpine ecosystems (1.2%). This situation is reflected in its rich and diversified living world: 3400 flowering plant-, 600 algae-, 3400 lichens- and 950 bryiophytes species exist in Romania; the threatened large carnivore are largely distributed too, here is located 60% of Europe's brown bear- and 40% of the wolves' population. Beside these, over 33.802 other animal species are living here. The author discuss the potential risk posed by experimented and commercial transgenic cultures on the environment and biodiversity. There are few information about the existence of such cultures in Romania.

Biography

Name:

Bartók Katalin

Date and Place of Birth:

July 22, 1942-Cluj (Romania)

E-mail address: <bartok_katalin@yahoo.com>

Education:

- Bs and MS, Faculty of Biology-Geography, University of Cluj, 1964, Major Biology-Botany
- PhD at the University of Cluj, 1979

Speciality : biologist-botanist

Lichenology: taxonomy, ecology, pollution monitoring

Phytopathology, Phytosociology, Biodiversity conservation-nature protection in Romania.

Employment

- Senior Research Scientist at the Biological Research Institute, Cluj-Napoca, Republicii street 48, Romania (between 1974-1999).

- Associate Professor, Babeş-Bolyai University, Faculty of Biology-Geology, Department of Taxonomy and Ecology, 400015-Cluj-Napoca, Republicii street 42, Romania (1999 -).

Additional Training

- Institute für Botanik, Karl-Franzens Universtat Graz, Austria, 1990, 1992, 1994
- The Natural History Museum, London, England, 1995, 1997, 1999
- Ecological and Botanical Institute of Hungarian Academy, Vácrátot, Hungary, 1995
- Hungarian Natural History Museum, Department of Botany, Budapest, Hungary, 1995, 1999, 2002, 2005

Language ability

Fluent in Romanian, Hungarian (native), English.reading and writing, German (only lichenology).

Membership of Scientific Association

România: Societatea Națională de Știința Solului
 Societatea Muzeului Ardelean
 Societatea Română de Fitocenologie

Abroad: American Bryological and Lichenological Society
 International Association for Lichenology
 British Royal Lichenological Society

Scientific papers: 102 (first author 74, single author 43)

Books:

1. Váczy K., Ardelean A., **Bartók K.**, 1999 : Carl Linné(1707-1778). Viață operă, destăinuirii. Ed. Risoprint, Cluj-Napoca

2. **Bartók K.**, 2004 : A növénykórtan alapjai. Ábel Kiadó, Kolozsvár
3. Drăgulescu,C., **Bartók,K.**, Crisan,F., 2005: Lichenoflora județului Sibiu. Ed. Univ."Lucian Blaga", Sibiu
4. **Bartók,K.**, 2006: Az élő természet védelme, a biodiverzitás védelme Romániában. Ábel Kiadó, Kolozsvár.

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