

Russian Academy of Sciences  
Department of General Biology, RAS  
A.N. Severtsov Institute of Ecology and Evolution, RAS  
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## ***International Symposium***

### **Information Systems and WEB-portals on Biodiversity of Species & Ecosystems (BOROK -IT)**



#### ***Information letter № 2***

(Borok, Yaroslavl province, Russia)

#### ***Dear colleagues!***

We invite you to take part in the International Symposium "Information Systems and WEB-portals on Biodiversity of Species & Ecosystems" which will be held in Borok, Yaroslavl province, Russia, November 28<sup>th</sup> to 1<sup>st</sup> December, 2006. The previous Symposium was held in the Zoological Institute of the Russian Academy of Science (1-4 December 2003). It attracted attention of a large number of specialists both from Russia and foreign countries. Nearly 200 scientists participated in the previous Symposium. In recent years, especially after the publication of the materials of the previous Symposium (2003), many requests for "IT -2006" organization have been received. More detailed information about the Symposium held in 2003 is presented at the URL address: <http://www.zin.ru/conferences/isbse/index.html>.

The next symposium is suggested to include the discussion of theoretical and practical issues, connected with the most actual problem of automation of scientific studies in the field of biodiversity.

### **SCIENTIFIC PROGRAM**

#### **Topic areas include:**

1. Collection & Taxonomic Databases; Electronic Catalogues of taxonomic names
2. Virtual collections of species images and Interactive keys
3. Information Systems for monitoring of Natural Ecosystems using ground truth and remote sensing data

4. Web-portals on Biodiversity in the Internet and Information Systems on CD, DVD and etc.
5. Information Systems on Economic Important Species: resource and rare species, species harmful for environment and agriculture (quarantine species and invasive species).
6. Specialized software for the biodiversity research at population, species and community levels.
7. Problem-oriented automatic program complexes for the assessment of genetic and genome diversity at population and species levels.

### **Major control periods**

Registration of applications - until May 1, 2006

Acceptance of presentations materials - until September 1, 2006

Acceptance of registration fees - until October 1, 2006

### **General Information**

The organizing committee claims the choice of the reports for their presentation in the Symposium. Short versions of the reports will have been published before the Symposium starts to work.

#### **Forms of presentations and time-limit:**

- Ø Plenary presentations – up to 25 minutes, for answering to the questions – 15 minutes;
- Ø Section presentations – up to 15 minutes, for answering to the questions – 10 minutes.
- Ø Posters – materials must include not more than 2 pages in A1 format;
- Ø Computer demonstrations – up to 20 minutes, for answering to the questions – 10 minutes.

#### **Language of presentations:**

Russian or English (preferably)

### **Registration fee**

Foreign participants of the conference need to pay the sum equal to 30 EURO (in rubles) at conference registration.

Registration fee is supposed for the payment of organization services and publication of the materials.

### **Materials**

Materials of the presentation must contain not more than 1500 (no more than 3 pages) words

of the text and references, types through 1 interval in Times New Roman, font 12. Parameters of the page: format - A4, all margins – 2 cm. Indention – 1 cm. Besides the printed version on the paper, it is necessary to send the electronic variant of the material in the MS Word 6.0/95/97/2000/2003 format or typed in any other editor and saved in the RTF format. Short version of materials should be sent until September 1<sup>st</sup>, 2006 in electronic form to the address:

[BOROK-IT@sevin.ru](mailto:BOROK-IT@sevin.ru) and [Borok-IT@ibiw.yaroslavl.ru](mailto:Borok-IT@ibiw.yaroslavl.ru).

**Example of the text layout of the article:**

**MINTER D. W.<sup>1</sup>, HAYEVA V. P.<sup>2</sup>, TYKHONENKO Yu. Ya.<sup>2</sup> & THOMAS A.H.<sup>3</sup>**

**Electronic distribution maps of Ukrainian fungi and plants**

The objective of this project, funded by the UK Royal Society, is to make a CD ROM of electronic distribution maps of Ukrainian fungi and plants. The source of information is an enlarged and enhanced version of the database used for "Fungi of Ukraine" (a preliminary national checklist produced through an earlier project funded by the UK Darwin Initiative). That database currently contains over 84000 observations in Ukraine of living organisms, mostly fungi. In almost all of these observations the oblast (country) of origin is identifiable, and for the half of them has been possible to allocate latitude and longitude co-ordinates of sufficient accuracy for mapping. Maps have been prepared using national and oblast boundary data derived from Ukraine, with GIS software provided by the Institute of Terrestrial Ecology. When complete, these maps will show the distribution (as currently known to the database) for over 5000 species of fungi, and their over 1700 species of associated with them plants. By highlighting the species and areas studied insufficiently, the work is a major step towards a rational conservation strategy for Ukrainian fungi.- 1 CABI Bioscience, Bakeham Lane, Egham, Surrey, TW20 9TY, UK, E-mail [d.minter@cabi.org](mailto:d.minter@cabi.org); 2 M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, Tereshchenkivs'ka 2, MSP-1, Kiev, 252601, Ukraine; 3 Bangor Research Unit, Institute of Terrestrial Ecology, University of Wales Bangor, Deiniol Road, Bangor, Gwynedd, LL57 2UP, UK.

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Symposium website

[www.sevin.ru/BOROK-IT](http://www.sevin.ru/BOROK-IT)

## **Organizing Committee:**

**Chairman:**

*Pavlov D.S.* - Director of Severtsov Institute of Ecology & Evolution RAS, Moscow

**Vice-Chairmen:**

*Alimov A.F.* - Director of Zoological Institute RAS, St. Petersburg

**Deputy Chairmen:**

*Dgebuadze Yu.Yu.* - Deputy Director of Severtsov Institute of Ecology & Evolution RAS, Moscow

*Pugachev O.N.* - Deputy Director of Zoological Institute RAS, St. Petersburg

**Responsible for organization of Symposium**

*Petrosyan V.G.* - Severtsov Institute of Ecology & Evolution RAS, Moscow

*Slyn'ko Yu.V.* - Papanin Institute of Biology of Inland Waters RAS, Borok

**OrgCommittee members:**

*Tereshenko V.G.* - Papanin Institute of Biology of Inland Waters RAS, Borok- scientific secretary

*Kiyashko V.I.* - Papanin Institute of Biology of Inland Waters RAS, Borok- Deputy scientific secretary

*Feniova I.Yu.* - Scientific Council on hydrobiology and ichthyology RAS, Deputy scientific secretary

*Karabanov D.P.* - Papanin Institute of Biology of Inland Waters RAS, Borok- technical secretary

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*Geltman D.V.* - Deputy Director of Botanical Institute RAS, St. Petersburg

*Kolchanov N.A.* - Deputy Director of Institute for Cytology and Genetics, Siberian Branch of RAS, Novosibirsk

*Kopylov A.I.* - Director of Papanin Institute of Biology of Inland Waters RAS, Borok

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*Shatunovskiy M.I.* - Severtsov Institute of Ecology & Evolution RAS, Moscow

*Yarmishko V.T.* - Director of Botanical Institute RAS, St. Petersburg

Welcome to IT Symposium in BOROK,

Sincerely Yours - The OrgCommittee