



Federal Research Center Komi CS UrB RAS  
 Institute of Biology of Komi SC UrB RAS  
 Komi Branch of Russian Botanical Society  
 Komi Branch of Russian Society of Plant Physiologists  
 Russian Foundation for Basic Research  
**II International scientific Conference**  
**«Cyanoprokaryota/Cyanobacteria: systematic, ecology, distribution»**  
**September 16-21, 2019, Syktyvkar, Russia**

### 3<sup>st</sup> Information letter

**Dear Colleagues!**

The Organizing Committee is grateful to all the colleagues who sent the materials of the reports. The collection includes 84 reports, the original layout has been submitted to print and will be available on the conference website in the near future.

We ask you to inform the organizing committee in any form convenient for you by 1 September about your arrival (or non-arrival) at the conference. We need this information to formulate the final conference program, organize and order transport for the excursion, as well as to prepare a friendly dinner.

**Conference dates:** September 16-21, 2019

**Workshops of the school-conference:** plenary lectures (30 min.), online lectures of leading experts (25 min.), section reports (15 min.), poster session, field excursions, microscopic sessions.

### PLENARY REPORTS

**Astafieva M.M.** The most ancient fossil cyanobacteria

**Barinova S.S.** Ecological groups of cyanobacteria and macro-climatic factors affecting their distribution

**Belykh O.I., Tikhonova I.V., Kuzmin A.V., Sorokovikova E.G., Potapov S.A., Galkin A.V., Fedorova G.A.** Toxin-producing cyanobacteria in Lake Baikal and reservoir of Baikal region

**Voyakina E.Ju., Russkikh Ia.V., Chernova E.N., Zhakovskaya Z.A.** Distribution of cyanobacteria and their metabolites in the lakes of the north-west of the Russian Federation

**Davydov D.A., Patova E.N., Shalygin S.S., Vilnet A.A., Novakovskaya I.V.** Cryptic cyanobacterial diversity in the Arctic regions

**Gaysina L.A., Saraf A., Allaguvatova R.Z., Polokhin O.V., Singh P.** Taxonomic evaluation of new genus Cyanobacteria from Kuril Islands

**Koksharova O.A.** Functions of secondary metabolites of cyanobacteria: history of the problem and its current status

**Korneva L.G.** Composition and ecology of cyanobacteria in the Volga-Don rivers basin

**Los D.A., Mironov K.S., Sinetova M.A.** Molecular triggers of stress responses in cyanobacteria

**Namsaraev Z.B.** Mass development of phototrophic microorganisms in the water bodies of Russia: environmental and socio-economic effects

**Novakovsky A.B., Novakovskaya I.V.** EXSTATR – the Excel plugin for statistical analysis of ecological data

**Patova E.N., Sivkov M.D.** Bryophyte associations of nitrogen-fixing cyanobacteria of

floodplain bogs in the middle taiga

**Sadogurskaya S.A., Belich T.V., Sadogursky S.E.** Cyanoprokaryota of supralittoral epilithon of the Crimean peninsula seacoast

**Sidelev S.I., Semenova A.S.** Ecological role of cyanobacterial toxins (microcystins) in aquatic ecosystems

**Prashant Singh** The taxonomy of the heterocytous cyanobacteria: the past, the present and the future

**Shalygin S. S.** Utilization of the megaphylogenies in cyanobacterial systematic

**Yadvinder Singh** Diversity of Cyanobacteria in hot water springs and cold desert of North-Western Himalayas, India

**Working languages:** Russian and English. The organizing committee asks participants to make signatures to the main results, figures and tables in Russian and English, if possible. If you need special equipment for presenting reports, please write to the organizing committee.

**Important dates:**

September 5 - Final program of the conference.

September 16 - Registration of participants and opening of the conference.

September 16-20 - Work of sections.

September 17 - Welcome dinner.

September 18 - Field excursion.

September 20 - Closing of the conference.

September 21- Departure of participants.

October 15 - Presentation of files of reports selected by the organizing committee for publication in a special issue of the journal "Theoretical and Applied Ecology"

If you need an official invitation to participate in the conference, please inform the organizing committee [cyano@ib.komisc.ru](mailto:cyano@ib.komisc.ru)

**HOTELS**

The list of hotels is available on the conference website. The organizing committee asks to reserve accommodation on their own.

When booking a group of participants over 10 people, the Pelys Hotel is ready to provide a 10% discount for accommodation in 2-3 local rooms (with breakfast). If you opt for this hotel, please contact the conference organizing committee for reservations.

Also, information on accommodation can be found on the conference website

<https://ib.komisc.ru/add/conf/cyano/>

**TRANSPORT** There are direct flights to Syktyvkar from Moscow, St. Petersburg, Ekaterinburg, Kazan, Perm and Ufa. You can travel by train from Moscow, St. Petersburg and Vologda; by bus – from Yoshkar-Ola, Kazan, Kirov and Ufa.

You may find additional information at the Conference site

<https://ib.komisc.ru/add/conf/cyano/>

**WEATHER IN SYKTIVKAR**

The weather can be very different from warm and sunny to rainy and cold, so warm clothes, raincoats, etc. are needed. In hotels it can also be cool because the heating season usually begins in mid-September. See weather forecasts for arrival dates.

**MICROSCOPIC SESSIONS**

For microscopic sessions, we ask you to bring live and fixed collections and cultures with interesting, rare and simply beautiful species of cyanoprokaryotes.

**EXCURSION**

If there is no rain, we go to the forest and to the swamp, if it is rainy, then we will visit the ecological trail in the Finno-Ugric ethnopark (<http://www.ethnopark-rk.ru/>) For the tour you need clothes that protect from wind and rain. Athletic shoes are desirable (we will try to provide rubber boots if necessary).

If you have questions about travel, accommodation, organization of the conference, please contact

**Organizing Committee:** 167982, Syktyvkar, Kommunisticheskaya str., 28, Institute of Biology of Komi SC UrB RAS, Organizing Committee of the Conference

«Cyanoprokaryota/Cyanobacteria: systematic, ecology, distribution»

**e-mail:** [cyano@ib.komisc.ru](mailto:cyano@ib.komisc.ru), <https://ib.komisc.ru/add/conf/cyano/>

**Phones:** +7(8212)216488, 216855; **Fax:** +7(8212)240163

*Please send this information to interested scientists and professionals!*

*Welcome to Syktyvkar!*