

Central Siberian Botanical garden SB RAS

Russian botanical society



Russian conference

**"Results and prospects of geobotanical research in Siberia",
dedicated to the 75th anniversary of the laboratory
of ecology and geobotany of CSBG SB RAS**

(Novosibirsk, may 13-17, 2019)

Conference program

Novosibirsk, 2019

PROGRAM COMMITTEE

Chairman of the program Committee — Sedelnikov Vyacheslav Petrovich, scientific Director of the Institute, Novosibirsk, corr. member RAS, Prof.

Deputy Chairman — Evgeny V. Banaev, Director of CSBG SB RAS, Novosibirsk, Dr.

Committee members

Anenkhonov O. A. — Head of the laboratory of Floristics and geobotany, Institute of General and experimental biology SB RAS, Dr.

Geltman, D. V. — Director of Botanical Institute RAS, Prof.

Korolyuk A. Yu. — Chief researcher of laboratory of Ecology and geobotany of CSBG SB RAS, Dr.

Krestov P. V. — Director of Botanical Garden-Institute of FEB RAS, corr. member RAS, Dr.

Lashchinsky N. N. — Chief researcher of laboratory of Ecology and geobotany, CSBG SB RAS, Dr.

Martynenko V. B. — Director of Institute of biology RAS (Ufa), Dr.

Naumenko Yu. V. — Deputy Director for sciences CSBG SB RAS, Dr.

Neshataeva V. Yu. — Head of laboratory of General geobotany of Botanical Institute RAS, Dr.

Onipchenko V. G. — Head of Department of geobotany of Moscow state University, Dr., Prof.

Silantieva M. M. — Dean, Head of Department of botany, Altai State University, Dr., Prof.

Tomoshevich M. A. — Deputy Director for sciences CSBG SB RAS, Dr.

Ulanova N. G. — Professor of Moscow State University, Dr., Prof.

ORGANIZING COMMITTEE

Chairman of the organizing Committee — Zibzeev Eugene G., head of laboratory of Ecology and geobotany CSBG SB RAS, PhD, associate Professor

Deputy Chairman of organizing Committee Makunina Natalia I., senior researcher, laboratory of Ecology and geobotany, Dr.

Committee members

Achimova A. A. — Director of the branch of Gorno-Altay Botanical garden SB RAS, Dr.

Dulepova N. A. — Researcher of laboratory of Ecology and geobotany, PhD.

Igay N. V. — Junior researcher of laboratory of Ecology and geobotany, PhD.

Lashinskaya N. V. — Leading engineer of laboratory of Ecology and geobotany

Pisarenko O. Yu. — Senior researcher of laboratory of Ecology and geobotany, Dr.

Pristyazhnyuk S. A. — Leading engineer of the laboratory of ecology and geobotany, PhD.

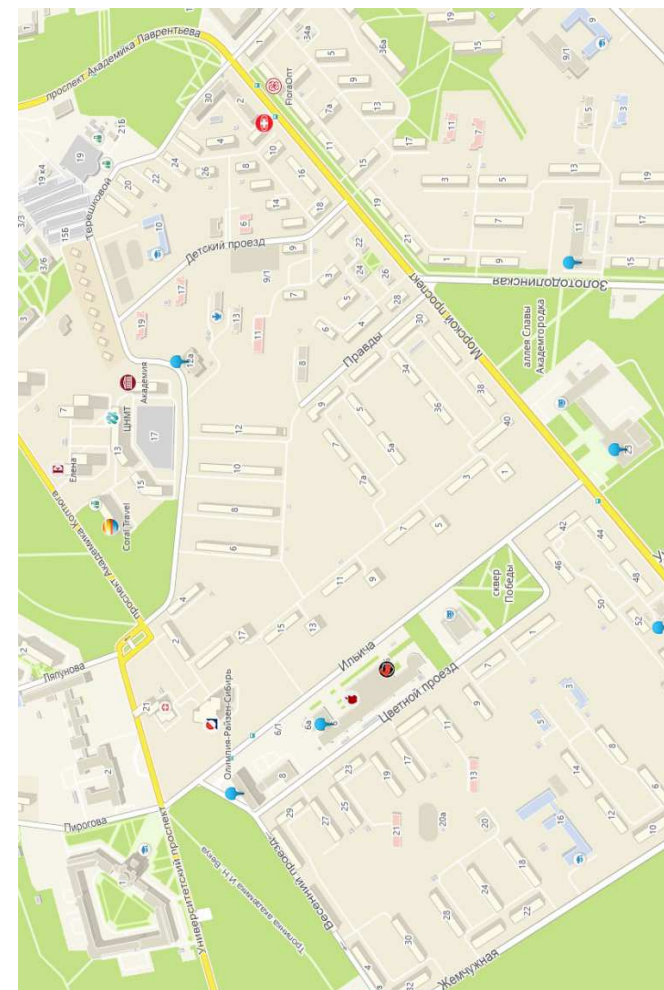
Selyutina, I. Yu. — Senior researcher of laboratory of Ecology and geobotany, PhD.

Telyatnikov M. Yu. — Chief researcher of laboratory of Ecology and geobotany, Dr.

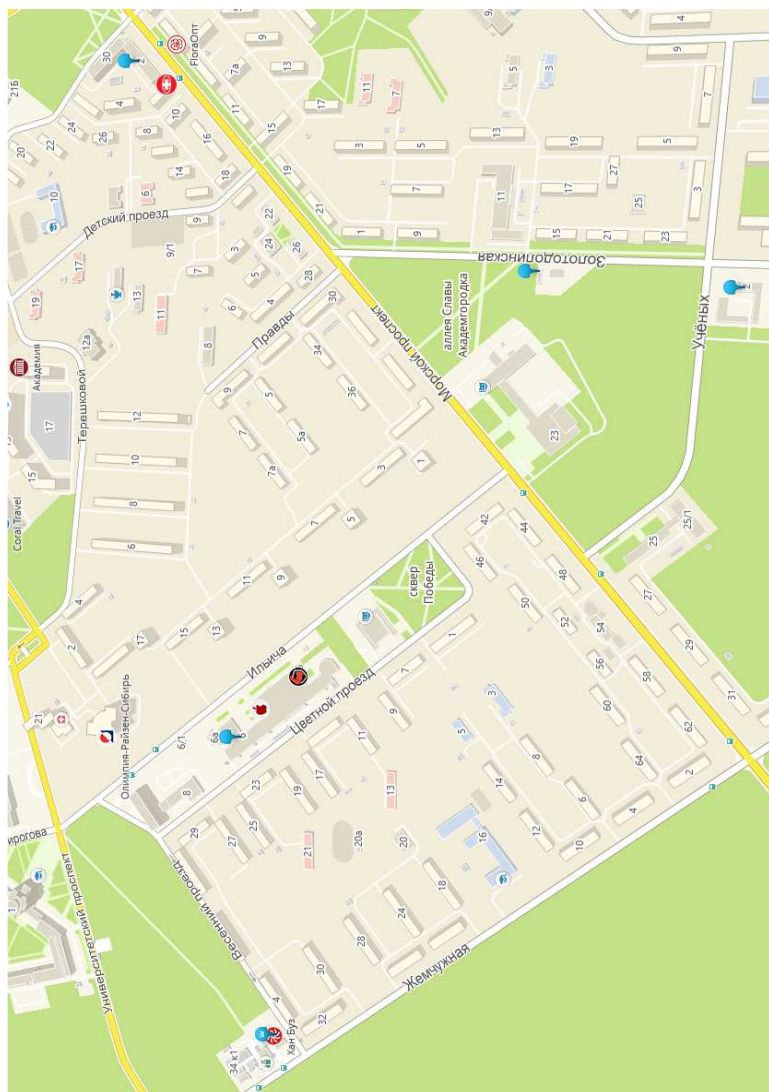
Tishchenko M. P. — Senior researcher of laboratory of Ecology and geobotany, PhD.

Registration of participants, opening of the conference, plenary, sectional, poster presentations and round tables will be held in the main building of the Central Siberian Botanical Garden. Address: Novosibirsk, Zolotodolinskaya str., 101.

Restaurants



Cafe and fast food restaurants



Conference schedule

Monday, the 13 of may 2019

08.30–09.30 — Registration of conference participants
 09.30–10.00 — Opening of the conference
 10.00–11.30 — Plenary session
 11.00–11.30 — Break (tea, coffee)
 11.30–12.00 — Plenary session
 12.00–13.00 — Section session
 13.00–14.00 — Lunch
 14.00–15.20 — Excursion to the greenhouse
 15.20–16.40 — Section session
 16.40–17.00 — Tea, coffee

Tuesday, the 14 of may 2019

09.00–10.30 — Plenary session
 10.30–11.00 — Break (tea, coffee)
 11.00–12.30 — Plenary session
 12.30–13.00 — Excursion to the museum
 13.00–14.00 — Lunch
 14.00–15.20 — Plenary session
 15.30–18.00 — Tea, coffee

Wednesday, the 15 of may 2019

09.00–10.30 — Plenary session
 10.30–11.00 — Break (tea, coffee)
 11.00–13.00 — Plenary session
 13.00–14.00 — Lunch
 14.00–15.20 — Plenary session
 15.20–15.40 — Tea, coffee

Thursday, the 16 of may 2019 г.

08.30 — check out in the village of Kamlak

Monday, the 13 of may 2019

08.30–09.30— Registration of conference participants

09.30–10.00 — Opening of the conference

Evgeny V. Banaev, Director of CSBG SB RAS, Novosibirsk, Proff. - opening speech
Sedelnikov Vyacheslav Petrovich, scientific Director of the Institute, Novosibirsk, corr. member RAS, Prof.
- opening speech

Evgeny G. Zibzeev Head of the laboratory of Ecology and geobotany of CSBG SB RAS - opening speech.

10.00–11.30 — Plenary session

Chairman — E.G. Zibzeev

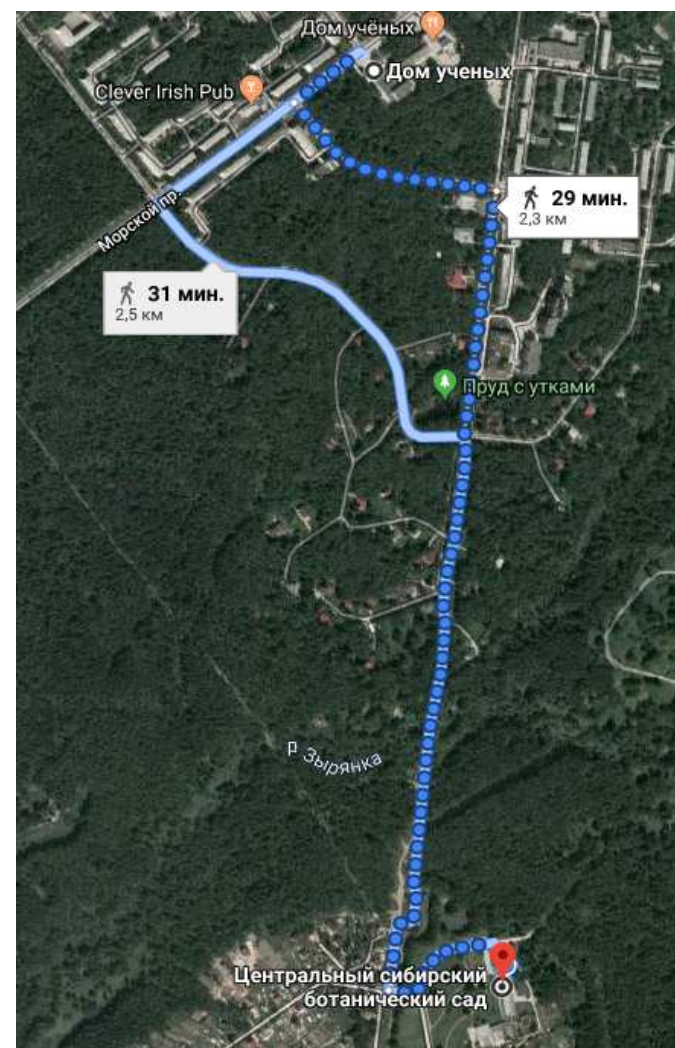
- 10.00–10.30 A. S. Revushkin, **Tomsk Pages From the History of Geobotany in Siberia**
- 10.30–11.00 P. A. Gogoleva, M. M. Cherosov, S. I. Mironova, E. I. Burtseva, N. P. Sleptsova,
B. N. Pestryakov, P. I. Kharlampyeva, L. D. Gavriyeva, S. I. Poiseeva, N. B.
Ermakov, M. Yu. Telyatnikov, N. N. Laschinskiy, E. I. Troeva, E. G. Nikolin, V. A.
Filippova
Prodromus of Vegetation of Yakutia
- 11.00–11.30 **Break (tea, coffee)**
- 11.30–12.00 N. N. Lashchinskiy
Applying of Uav Images for the Arctic Landscape Research

Section: Cenotic diversity and spatial organization of vegetation

Chairman — N. N. Lashchinskiy

- 12.00–12.20 D. M. Danilina, D. I. Nazimova, M. E. Konovalova
Diversity of *Pinus sibirica* forest types in different bioclimatic sectors of Sayan Mountain
- 12.20–12.40 T. G. Lamanova, N. V. Sheremet
Features of the dynamic processes proceeding in the artificial fitotsenoza created on overburden dumps of Kuzbass
- 12.40–13.00 O. A. Anenkhonov, A. Yu. Korolyuk
C₄ Plants in Steppe Communities of Transbaikalia
- 13.00–14.00 **Lunch**
- 14.00–15.20 **Excursion to the greenhouse**
- 15.20–15.40 L. V. Krivobokov, A. A. Zverev, L. V. Mukhortova
Classification, Ecology and Geographical Features of the Forests in the Middle Taiga Subzone of Evenkia
- 15.40–16.00 E. Brianskaia, K. Schmieder, R. Boecker
Vegetation Diversity of the Central Zone of Lake Baikal Eastern Coast
- 16.00–16.20 T. M. Kharpuksheva
The Lichen Vegetation in Tundra's Landscapes in Zoltoj Hollow in Sayan

How to reach on foot



REFERENCE INFORMATION

How to reach us – CSBG SB RAS (Zolotodolinskaya str., 101)

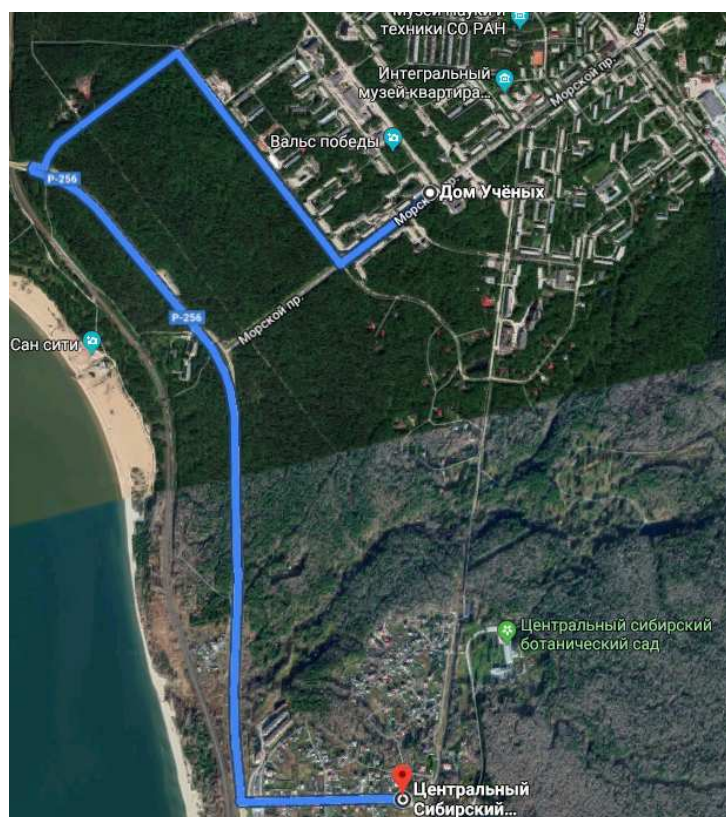
Taxi:

1. Taxi Yandex
2. Taxi «Akadem» phone: 8-913-934-46-46
3. Taxi «Green» phone: 8-913-786-00-55
4. Taxi «Kolobok» phone: 8(383)-330-30-55

Office bus CSBG SB RAS: from a stop «House of scientists» в 08.10–08.15.

public transport – bus № 72 from a stop « House of scientists », «Tsvetnoy Drive».

Information on movement of the bus on the website: <https://map.nskgortrans.ru/>



16.20–16.40 N. K. Kovtonyuk, I. V. Han, E. A. Gatilova
The Contribution of Geobotanists to the Creation of Herbarium Collections of the Central Siberian Botanical Garden, SB RAS

16.40–17.00 Tea, coffee

Tuesday, the 14 of may 2019

09.00–10.30 — Plenary session

Chairman — V. V. Chepinoga

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| 09.00–09.30 | N. G. Ulanova
Main Trends of Biodiversity Dynamics After Natural and Anthropogenic “Catastrophes” in Spruce Forests of the European Part of Russia |
| 09.30–10.00 | V. V. Chepinoga
To the Classification of Tall-Forb Meadows in Khamar-Daban Range, Baikal Siberia |
| 10.00–10.30 | O. Yu. Pisarenko
Bryophyte Component of <i>Brachypodio Pinnati-Betuletea Pendulae</i> Forests in West Siberia |
| 10.30–11.00 | Break (tea, coffee) |
| 11.00–11.30 | <u>V. V. Tarakanov</u> , V. N. Sedykh, M. Yu. Telyatnikov
The Influence of Willow Plantations and Soil Composition on the Process of Natural Vegetation Settlement at Oil Drilling Sites in Western Siberia |
| 11.30–12.00 | <u>N. I. Makunina</u> , M. Yu. Telyatnikov, E. G. Zibzeev
Arid Bioclimatic Sector of Altai-Saiany Mountain Region: Geobotanical Review |
| 12.00–13.00 | Excursion to the museum |
| 13.00–14.00 | Lunch |

Section: Structure and dynamics of a vegetable cover

Chairman — O.A. Anenkhonov

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| 14.00–14.20 | <u>I. A. Petrov</u> , A. S. Golyukov, V. I. Kharuk
The Impact of Climate Change on <i>Betula Tortuosa</i> Ledeb. Radial Increment on the Eastern Macroslope of Kuznetsk Alatau Mountains |
| 14.20–14.40 | <u>S. D. Baboi</u> , M. E. Kononova
Influence of Orographic Factors on the Vegetation Distribution in the Low Mountain Chern Belt of the Western Sayan |
| 14.40–15.00 | L. I. Saraeva
Vegetation of Islands of Toreysky (Aquator) Land of the Dauria Reserve in the Dry Period |
| 15.00–15.20 | <u>A. A. Zverev</u> , A. Yu. Korolyuk
Phytoindication of the modes of moistening and trofnost of habitats on the scale of the Siberian flora |

15.30–18.00 Botanical tea — buffet reception (winter garden, 3rd floor)

Wednesday, the 15 of may 2019

09.00–10.30 — Plenary session

Chairman — D. V. Sandanov

- 09.00–09.30 D. V. Sandanov
Specific richness and variety of vascular plants of internal Asia: response to climate changes from wood and grassy types
- 09.30–10.00 T. A. Terekhina, M. M. Silanteva
Dynamics of the Adventive Component in the Flora of Barnaul
- 10.00–10.30 A. V. Volokitina, D. I. Nazimova, T. M. Sofronova, M. A. Korets
Improvement Fire Danger Rating and Vegetation Fire Behavior Prediction on SPNA
- 10.30–11.00 **Break (tea, coffee)**

Section: Structure, dynamics of a vegetable cover and its protection

Chairman — N. I. Makunina

- 11.00–11.20 G. G. Sokolova
Influence Of Ground Fires On The Grass Cover Of Birch Forests In Altai Territory
- 11.20–11.40 V. A. Glazunov
Protection of Rare Plant Species in the Development of Oil Fields in the Western Part of the Uvat District of the Tyumen Region
- 11.40–12.00 S. A. Gizhitskaya
Technologies, opportunities and restrictions of botanical education in protection of flora
- 12.00–12.20 N. V. Elesova, M. M. Silanteva
Rare Plants and Phytocenoses of the Designed National Park “Togul” (Altai Region)
- 12.20–12.40 N. V. Shchegoleva, A. A. Zverev
Characteristics of Ecological Range of Siberian Ranunculus Species
- 12.40–13.00 A. A. Guseva, V. A. Cheryomushkina
Population Adaptations of Species of the Genus *Scutellaria* L. to the Conditions of Siberia
- 13.00–14.00 **Lunch**

Section: Protection of flora,
Council of botanical gardens

Chairman — A. N. Kupriyanov

- 14.00–14.20 S. A. Sheremetova, I. A. Hrustaleva
To a Question of the Third Reprinting of the Red List of the Kemerovo

Region

- 14.20–14.40 A. N. Kupriyanov
Work of council of botanical gardens of Siberia and the Far East in 2019
- 14.40–15.00 N. K. Kovtonyuk
Digital collections: problems and prospects
- 15.00–15.20 T. V. Elisafenko, O. V. Dorogina
Some Features of the Introduction of Rare and Endangered Plant Species
- 15.20–15.40 **Closing of a conference**

Talks and posters

- A. Yu. Astashenkov
Population Analysis Some Species High-Mountain of *Nepeta* (Lamiaceae) From Central Asia
- I. D. Makhatkov
Validation of Spatial-Statistical Models of Vegetation
- E. B. Talovskaya, I. N. Barsukova
The State of Coenopopulations of the Vegetatively-Semimobile Species of *Thymus* in Southern Siberia
- M. G. Tsyrenova, E. M. Pyzhikova
Anthropogenic Vegetation in the River Valley Amalat
- E. M. Antipova, O. V. Enulenko
Taxonomic Structure of Local Floras of Sadinsky and Pribaikalskiy Steppes
- I. V. Danilova, D. I. Nazimova, V. A. Ryzhkova, M. A. Korets
Experience of drawing up the landscape map of the Sayano-Shushenskaya biospheric reserve with use of GIS-technologies