

Circular letter



Conference within the framework of events dedicated to the 300th anniversary of the founding of the Russian Academy of Sciences

**7–10 June 2022
Moscow**

International Scientific Conference

«COOPERATION OF BOTANICAL GARDENS IN THE FIELD OF CONSERVATION OF VALUABLE PLANT GENE POOL»,

dedicated to the 10th anniversary of the IAAS Council of the Botanical Gardens of Commonwealth of Independent States

Organisers



Ministry of Science and Higher Education of the Russian Federation



Russian Academy of Sciences



Tsitsin Main Botanical Garden RAS



National Academy of Sciences of Belarus



Central Botanical Garden NASB



International Association of Academies of Sciences



IAAS Council of Botanical Gardens of the Commonwealth of Independent States



Foundation for the Promotion of Botanical Gardens

Conference venue

Russian Federation,
Moscow, 127276,
Botanicheskaya St,
4, MBG RAS

Forms of participation

In-person, online

Conference languages

Russian,
English

Contacts

mbgconference@gmail.com

web-страница:

<https://gbsad.ru/konferencii>

<http://cbg.org.by/conferences>



Dear colleagues!

We invite you to take part in the International Scientific Conference «Cooperation of botanical gardens in the field of conservation of valuable plant gene pool», dedicated to the 10th anniversary of the IAAS Council of the Botanical Gardens of Commonwealth of Independent States, which will be held at the site of the Tsitsin Main Botanical Garden of the Russian Academy of Sciences on June 7-10, 2022.

Program Committee

Reshetnikov V.N., NASB academician, Honorary Director of Central Botanical Garden NASB, co-chairman of Council of Botanical Gardens of the Commonwealth of Independent States (co-chairman)

Upelniak V.P., Candidate of Biological Sciences, Director of N.V. Tsitsin Main Botanical Garden RAS, co-chairman of IAAS Council of Botanical Gardens of the Commonwealth of Independent States (co-chairman)

Shatravko V.G., Candidate of Agricultural Sciences, director of Central Botanical Garden NASB

Titok V.V., Doctor of Biological Sciences, associate member of NASB

Vardanian Z.A., Doctor of Biological Sciences, associate member of NAS RA, Research Advisor of A.L. Takhtajyan Institute of Botany NAS RA

Sitpaeva G.T., Doctor of Biological Sciences, Executive Director of Research Institute of Botany and Phytointroduction of the Committee of Science of the Ministry of Education and Science of Republic of Kazakhstan

Gorbunov Y.N., Doctor of Biological Sciences, Principal Researcher of N.V. Tsitsin Main Botanical Garden RAS, Deputy Chairman of Council of Botanical Gardens of Russia

Kupriyanov A.N., Doctor of Biological Sciences, Principal Researcher of Institute of Human Ecology of the Federal Research Center of Coal and Coal Chemistry of SB RAS

Shigapov Z.H., Doctor of Biological Sciences, Director of South Ural Botanical Garden-Institute of the Ufa Federal Research Centre RAS, Chairman of the Regional Council of Botanical Gardens of the Urals and Volga Region

Senator S.A., Candidate of Biological Sciences, Deputy Director of N.V. Tsitsin Main Botanical Garden RAS

Spiridovich E.V., Candidate of Biological Sciences, scientific secretary of IAAS Council of Botanical Gardens of the Commonwealth of Independent States

Potapova S.A., Scientific secretary of IAAS Council of Botanical Gardens of the Commonwealth of Independent States

Organizing Committee

Galkina M.A., MBG RAS, Moscow

Zdravchev N.S., MBG RAS, Moscow

Kuznetsova O.I., MBG RAS, Moscow

Kulikova E.N., MBG RAS, Moscow

Nosova M.B., MBG RAS, Moscow

Pruss E.V., MBG RAS, Moscow

Stepanova N.Y., MBG RAS, Moscow

Stupak D.A., MBG RAS, Moscow

Timchenko A.S., MBG RAS, Moscow

Fedorova A.V., MBG RAS, Moscow



The format of the Conference - in-person, online.

Forms of reports – plenary, sectional.

The working language of the Conference is Russian.

All sessions of the conference will be held in the conference hall of the Laboratory Building of the Main Botanical Garden of the Russian Academy of Sciences (metro station and MCC "Vladykino", Botanicheskaya St. 4).

Remote participation will be organized in the format of a TrueConf conference (<https://trueconf.ru>). Contact information will be sent to registered remote participants of the conference on the eve of the event.

Payment

Participation in the Conference is free of charge.

Accommodation

On online services <https://ostrovok.ru/> and <https://sutochno.ru/> there is information about accommodation options in the area of the MBG RAS. The Organizing Committee does not provide accommodation for conference participants.

Excursions

Within the framework of the Conference, excursions to the expositions of the MBG RAS "Arboretum", "Natural Flora", "Japanese Garden" will be organized.

On the final day of the conference, an excursion to the Zaryadye Park is planned (<https://www.zaryadyepark.ru/>).



Conference Rules of Procedure

June 7

14⁰⁰ – 17⁰⁰ – Registration of participants (4 Botanicheskaya St., 4/1, Laboratory building of the MBG RAS)

June 8

10⁰⁰ – 15²⁰ – Plenary session

15³⁵ – 17²⁰ – Affiliated session

17³⁰ – 19⁰⁰ – Excursion to the “Arboretum” exhibition

19⁰⁰ – Buffet

June 9

10⁰⁰ – 17³⁰ – Affiliated session

17³⁰ – 19⁰⁰ – Excursions to the expositions "Natural flora", "Japanese Garden"

June 10

11⁰⁰ – 13⁰⁰ – Excursion to the Zaryadye Park

14³⁰ – 16³⁰ – Debriefing and closing of the conference

**Plenary reports – 20 min.
Sectional reports – 15 min.**



PRELIMINARY PROGRAM OF THE SCIENTIFIC CONFERENCE

June 8

Plenary Session

Welcome speech:

- 10⁰⁰–10¹⁰ – **Upelnik Vladimir Petrovich**, director of the Main Botanical Garden RAS;
10¹⁰–10¹⁵ – **representative of the Ministry of Education and Science**
10¹⁵–10²⁰ – **representative of the Biological Sciences Department RAS**

Plenary reports

10⁴⁰–11⁰⁰ – **Reshetnikov V.N., Spirydovich E.V.** (Central Botanical Garden NASB, Minsk) Results And Tasks Of Biological Research In The Field Of Conservation And Rational Use Of Plant Resources In Belarus

11⁰⁰–11²⁰ – **Kupriyanov A.N.** (Kuzbass Botanical Garden of the Federal Research Center of Coal and Coal Chemistry SB RAS, Russia, Kemerovo) Introduction As A Science: Past, Present, Future

11²⁰–11⁴⁰ – **Potapova S.A.** (MBG RAS, Russia, Moscow) The Bulletin of the Council of Botanical Gardens is an important tool for informing about the activities of botanical gardens and research coordination

11⁴⁰–12⁰⁰ – **Plugatar Yu.V., Plugatar S.A., Klimenko Z.K., Zykova V.K., Ulanovskaya I.V., Zubkova N.V.** (Nikitsky Botanical Garden – NSC RAS, Yalta, Russia) Bioresource Collections Of Flower And Ornamental Crops Of The Nikitsky Botanical Gardens And Their Adaptive Potential When Cultivated In Natural And Climatic Conditions Of The Southern Coast Of The Crimea

12⁰⁰–12²⁰ – **Soltani G.A.** (Sochi National Park, Russia, Sochi) National Collections In Botanical Gardens

12²⁰–12⁴⁰ – **Prikhodko S.A., Ostapko V.M., Nikolaeva A.V.** (Donetsk Botanical Garden, Donetsk People's Republic, Donetsk) Semicentennial Experience Of Forming World Flora Collections In The Donetsk Botanical Garden



12⁴⁰–13⁰⁰ – **Vardanyan Zh.A.** (Takhtajyan Institute of Botany NAS RA, Armenia, Yerevan) Preservation Of Valuable And Rare Woody Plants Of Armenia Under *in situ* and *ex situ* Conditions

13⁰⁰ – 14⁰⁰

Lunch break

14⁰⁰–14²⁰ – **Shigapov Z.Kh.** (South Ural Botanical Garden-Institute UFITS RAS, Russia, Ufa) South Ural Botanical Garden-Institute UFITS RAS: Collections Of Living Plants, Study And Conservation Of Biological Diversity In Culture And In Nature

14²⁰–14⁴⁰ – **Imanbayeva A.A.** (Mangyshlak Experimental Botanical Garden, Aktau, Kazakhstan) Experiences And Prospects Of Introduction Of Woody Plants In Arid Conditions Of Kazakhstan

14⁴⁰–15⁰⁰ – **Donbaeva G.Ch., Turbatova A.O.** (Gareev Botanical Garden NAS KR, Kyrgyzstan, Bishkek) Cooperation Between The Botanical Garden Named After E.Z. Gareev Under The National Academy Of Sciences And The Main Botanical Garden Named After N.V. Tsitsin Under The Russian Academy Of Sciences In Conservation Of Gene Pool Of Plants

15⁰⁰–15²⁰ – **Mammadov T.S., Ashrafova Sh.F., Gadirova N.O.** Impact Of Climate Change On Vegetation In The Absheron Peninsula

Coffee-break

Affiliated session

**"Study and conservation of plant diversity
in culture and in nature"**

15³⁵–15⁵⁰ – **Baranova O.G., Pautova I.A., Karamysheva A.V.** (KBI RAS, Botanical Garden of Peter the Great, Russia, Saint Petersburg) Measures For The Preservation *Cardiocrinum Cordatum* (Thunb.) Makino (*C. Glehnii* (Fr. Schmidt) Makino) The Vicinity Of Yuzhno-Sakhalinsk

15⁵⁰–16⁰⁵ – **Gubaz E.Sh., Marko N.V.** (Botanical Institute Of The Academy Of Sciences Of Abkhazia, Sukhumi, Republic of Abkhazia; Nikitsky Botanical Garden – NSC RAS, Yalta, Russia) Botanical Institute Of The Academy Of Sciences Of Abkhazia - The Center For The Study And Conservation Of Plant Biodiversity Of Colchis



16⁰⁵–16²⁰ – **Demidova N.A., Durkina T.M., Gogoleva L.G., Vasiljeva N.N.** (Northern Research Institute of Forestry, Russia, Arkhangelsk) Woody Plants Of The Russian Far East In The Collection Of The Dendrological Garden Named After V.N. Nilov

16²⁰–16³⁵ – **Kairova M.G.** (Astana Botanical Garden, Kazakhstan, Nur-Sultan) Introduced Species Of Populus Spp. And Natural Poplar Populations In Kazakhstan

16³⁵–16⁵⁰ – **Krivoruchko V.P., Gorbunov Yu.N., Kruchkova V.A., Volkova O.D., Donskygh V.G.** (MBG RAS, Russia, Moscow) Pear Collection (Pyrus L.) Of The Tsitsin Main Botanical Garden RAS

16⁵⁰–17⁰⁵ – **Kulikova O.N.** (National Park "Lake Pleshcheyevo", S.F.Kharitonov Arboretum Garden, Russia, Pereslavl-Zalessky) Analysis Of The Current State Of The Collection Of Woody Plants Of The S.F.Kharitonov Arboretum Garden

17⁰⁵–17²⁰ – **Mammadov T.S., Gulmammadova S.A.** (Institute of Dendrology of ANAS, Azerbaijan, Baku) Study And Conservation Of Diversity Plant In The Conditions Of Absheron

17³⁰–19⁰⁰ – **excursion to the Arboretum exhibition**

June 9

Affiliated session

10⁰⁰–10¹⁵ – **Mammadov T.S., Abbaszade Z.F.** (Odlar Yurdu University, Azerbaijan, Baku) Rare Endangered Species Of The Family Rosacea Juss Of The Genus Rosa L. In The Flora Of Azerbaijan

10¹⁵–10³⁰ – **Mahmudov A.V., Erdonov Sh.B., Allamuratov A.L.** (Institute of Botany of the Academy of Sciences of the Republic of Uzbekistan, Tashkent) Seed Productivity Of Cuminum Cyminum L. In Different Conditions Of Uzbekistan

10³⁰–10⁴⁵ – **Molkanova O.I., Krakhmaleva I.L., Kozak N.V., Mitrofanova I.V.** Biological diversity in vitro of the collection of the genus Actinidia in MBG RAS (MBG RAS, Moscow, Russia; Federal Scientific and Technological Center of Horticulture and Nursery, Russia, Moscow)

10⁴⁵–11⁰⁰ – **Pismarkina E.V., Bystrushkin A.G., Filippov E.G.** (Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg) Orchids (Orchidaceae Juss.) In The Taganay National Park (Russia, Chelyabinsk region)



11⁰⁰–11¹⁵ – **Spiridovich E.V., Sedun E.A., Khotlyanik N.V., Zubarev A.V., Garanovich I.M., Reshetnikov V.N.** (Central Botanical Garden NASB, Minsk) Old-Growth Tree And Shrub Plantations: In Vitro And DNA Bank Preservation

Affiliated session
«Creation of national bioresource collections,
including rare and endangered species»

11¹⁵–11³⁰ – **Golikov K.A.** (Scientific and Educational Museum of Earth Science, Moscow State University, Russia, Moscow) Botanical Collections Of Herbarium Of The MSU Earth Science Museum

11³⁰–11⁴⁵ – **Kabanov A.V.** (MBG RAS, Russia, Moscow) Conservation Of The Gene Pool Of Ornamental Plants In MBG RAS On The Example Of The Collection Of Representatives Of The Genus Astilbe

10⁴⁵–12⁰⁰ – **Migalina S.V., Ivanova L.A.** (Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg) Leaf Structure As A Genetic Basis For The Stability Of Woody Species In The Creation Of Geographic Crops

Coffee-break

Affiliated session
«Mobilization and introduction of representatives of wild flora»

12¹⁵–12³⁰ – **Aleksashin P.I., Kljuykov E.V.** (MSU Botanical Garden, Russia, Moscow) The Results Of The Introduction Of Two Species Of The Genus Prangos Lindl., In The Botanical Garden Of Lomonosov Moscow State University

12³⁰–12⁴⁵ – **Gromadin A.V., Sakhonenko A.N.** (Moscow Timiryazev Agricultural Academy, Russia, Moscow) Collection Of Rare Woody Plants In The R.I. Schroeder Arboretum

12⁴⁵–13⁰⁰ – **Uspenskaya M.S., Murashev V.V.** (MSU, Russia, Moscow) Introduction Of Wild Peonies (*Paeonia* L.) And The Complex Use Of Their Biologically Active Components

Affiliated session

«Development of theoretical foundations and methodological recommendations for introduction in botanical gardens»

13⁰⁰–13¹⁵ – **Voronina O.E.** (MBG RAS, Russia, Moscow) Physiological and phytocenotic approaches to assessing the introduction quality

13¹⁵–13³⁰ – **Zhavkina T.M., Kavelenova L.M., Melnikova E.A., Pomogaybin A.V., Rozno S.A., Roguleva N.O., Ruzaeva I.V., Yankov N.V.** (Samara National Research University, Russia, Samara) On The Traditional And Innovative Directions In The Study Of Bioecological Features Of Introduced Plants

13³⁰–13⁴⁵ – **Shvetsov A.N., Saodatova R.Z., Tsverkun A.I.** (MBG RAS, Russia, Moscow) Mapping Collection Funds Of Natural Flora Plants: Methodological Approaches

13⁴⁵ – 14⁴⁵

Lunch break

Affiliated session

«Plant diversity in connection with ecological and food security of regions in the context of global climate change and anthropogenic impact»

14⁴⁵–15⁰⁰ – **Zamyatina N.G., Rogachev Y.B.** (Botanical Garden of the Nelyubin Institute of Pharmacy; The Sechenov First Moscow State Medical University. Russia, Moscow) Plant Species From The Collection Of The Botanical Garden Of Sechenov University, Promising For Carbon Dioxide Deposition, Taking Into Account Their Invasive Potential And Processing Capabilities

15⁰⁰–15¹⁵ – **Mikhalishchev R.V., Valdayskikh V.V., Simonyan R.S.** (UrFU; Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg) Growth And Productivity Of Species Of Pinaceae Lindl. Under Conditions Of Botanical Garden Of UrFU

15¹⁵–15³⁰ – **Kiseleva O.A.** (Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg) Phenological Features Of Early Flowering Herbaceous Perennials From Institute Botanic Garden UB RAS

15³⁰–15⁴⁵ – **Yudina P.K., Ivanova L.A., Ronzhina D.A., Migalina S.V., Ivanov L.A., Tumurzhav Sh.** (Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg; TSU, Tyumen) Structural And Functional Diversity Of Steppe Plants Of Northern Eurasia As A Basis For Vegetation Analysis Under Climate Change



15⁴⁵–16⁰⁰ – **Bebiya S.M.** (Botanical Institute Of The Academy Of Sciences Of Abkhazia, Sukhumi, Republic of Abkhazia) Rational Management And Use Of The Forest Resources Of Abkhazia

16⁰⁰–16¹⁵ – **Voronkova T.V., Kondratieva V.V., Olekhovich L.S., Semenova M.V., Enina O.L., Tkachenko O.B.** (MBG RAS, Russia, Moscow) Biochemical And Anatomical Characteristics Of The Leaves Of Horse Chestnut Species That Differ In Resistance To The Invader *Cameraria Ohredella* During The Growing Season

Coffee-break

Affiliated session

«Invasions of alien species: study of biological features and intraspecific variability of alien species, assessment of their invasive potential, development of measures to prevent plant invasions»

16¹⁵–16³⁰ – **Ednich E.M, Chernyavskaya I.V, Tolstikova T.N.** (Adygea State University, Russia, Maykop) To The Question Of Allelopathic Activity Of *Acer negundo* L.

16³⁰–16⁴⁵ – **Ivanova L. A., Ronzhina D.A., Migalina S.V., Valieva A.K., Yudina P.K., Khapugin A.A., Kuzmin I.V., Ivanov L. A.** (TSU, Russia, Tyumen; Botanical Garden of the Ural Branch of the Russian Academy of Sciences, Russia, Yekaterinburg) Assessment The Invasive Potential Of Alien Species Based On Plant Functional Traits

16⁴⁵–17⁰⁰ – **Kulakova Yu.Yu., Tsinkevich N.V., Omelyanenko T.Z., Kulakov V.G.** (All-Russian Plant Quarantine Center, Russia, village Bykovo) The Role Of Quarantine-Introduction Plots In Studying The Biological Features Of Quarantine And Potentially Invasive Plant Species

17⁰⁰–17¹⁵ – **Omelyanenko T.Z., Bagrikova N.A.** (Southern branch of FSBI "VNIKR", Simferopol, Russia; Nikitsky Botanical Garden – NSC RAS, Yalta) Variability Of Morphometric Parameters *Ambrosia Artemisiifolia* L. In The Foothill Crimea

Affiliated session

«Creation of educational and rehabilitation sphere in botanical gardens»

17¹⁵–17³⁰ – **Chub V.V., Rappoport A.V., Efimov S.V.** (Botanical Garden of MSU, Russia, Moscow) Additional education in the Botanical Garden of Moscow State University: current state and prospects

17³⁰–19⁰⁰ – **Excursion to the expositions "Natural flora", "Japanese Garden"**

June 10

11⁰⁰ – 13⁰⁰ – Excursion to the Zaryadye Park

14³⁰ – 16³⁰ – Debriefing and closing of the conference

Communication with the organizers is made only via the official e-mail address of the Organizing Committee: mbgconference@gmail.com (in the subject of the letter, specify БОТАНИЧЕСКИЕ САДЫ СНГ).

In urgent cases, please contact:

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We will be glad to see you in Moscow!

