

MINISTRY OF EDUCATION AND SCIENCE OF THE REPUBLIC OF KAZAKHSTA COMMITTEE OF SCIENCE INSTITUTE OF BOTANY AND PHYTOINTRODUCTION



## "CONSERVATION AND SUSTAINABLE USE OF GENE POOL OF PLANT WORLD IN EURASIA AT THE PRESENT STAGE"

INTERNATIONAL SCIENTIFIC CONFERENCE within "Day of Kazakhstan" (September 3, 2016, EXPO-2016 Antalya, Turkey)

ANTALYA 2016

UDC 581(082) LBC 28.58 P. 160

## Organizing committee:

Sagadiyev E.K., Minister of MES RK - Chairman Sitpayeva G.T., General Director of the Institute of botany and phytointroduction, academician of K Doctor of sciences (Biology) - co-Chairman and editor-in-chief Sadanov A.K., General Director of the Institute of microbiology and virology, academician of KazN Doctor of sciences (Biology) Rakhimbayev I.R., academician of NAS of RK, Doctor of sciences (Biology), main scientific research of the Institute of plant biology and biotechnology Mukanov B.M., General Director of the Kazakh research institute of the forestry and agro forestry, Doctor of sciences (Rural Economy) Dimeyeva L.A., Doctor of sciences (Biology) - member of an editorial board Rakhimova Ye.V., Doctor of sciences (Biology) - member of an editorial board Chekalin S.V., Candidate of sciences (Biology) - member of an editorial board Vesselova P.V., Candidate of sciences (Biology) Sametova E.S., Candidate of sciences (Biology) Mukhtubayeva S.K., Candidate of sciences (Biology) - responsible secretary Karzhaubekova Zh.Zh., Candidate of sciences (Chemistry) - responsible secretary "Conservation and sustainable use of gene pool of plant world in Eurasia at the present stage". -Antalya (Turkey) - 2016. - 160 p.

ISBN 978-601-7511-15-9

Annotation. Proceedings of the International scientific conference "Conservation and sustainable u plant world in Eurasia at the present stage" are devoted to memory of Baitenov Muslim Smailovich, Kazakhstan scientist, who made the significant contribution into studying the botanical variety of K ceedings contain articles reflecting the results of scientific researches in the field of study and protec situ) of biological diversity of Eurasian flora. The edition can be used by a wide range of experts of the cal direction.

The Conference is organized within implementation of the scientific-technical programme: "Su agement of the genetic resources of the state botanical gardens of Southeast and Central Kazakl protected natural territories of the republican value, in the conditions of transition to the 'green results are reflected in the International exhibition EXPO-2016. (Antalya, Turkey).

UDC 581(082) LBC 28.58

ISBN 978-601-7511-15-9 RSE "Institute of Botany and Phytointroduction", 2016

CONSERVATION AND SUSTAINABLE USE OF GENEFUND OF PLANT WORLD IN EURASIA AT THE PRESENT STATE? 42 2 DITERNATIONAL SCIENTIFIC CONFERENCE WITHIN "DAY OF KAZAI

A.V. Kerdyashkin, S.A. Govorukhina, A.A. Imanalinova Silvicultural characteristics of Spruce forests of Zailiyskiy Alatau G.T. Sitpayeva, S.O. Isabayev, S.V. Chekalin Current state and species variety of wild relatives of cultural plants in southern part of Balhash and valleys of the river Ili N.Z. Akhtaeva, A.B. Omarkhan Leaf epidermal features of medicinal plant Echinops albicaulis L.B. Djansugurova, E.A. Shadenova, E.Zh. Zhumabekov Urgent questions of genetics and reproduction of forest cultures in Kazakhstan S.K. Mukhtubayeva, G.T. Sitpayeva, M.P. Danilov, A.A. Shormanova, B.B.Ualiyeva, D.A.Akhatayeva Materials to the flora of "Kolsay kolderi" Natural Park S.V. Chekalin The system of gomological epigenetical variability of fruit's forms of Berberis iliensis M. POP. and Berberis sphaerocarpa Kar, et Kir. O.K. Abdrakhmanov, N.Z.Akhtaeva, A.Musrat Seed qualities, anatomical and morphological structural features of seeds of Glycyrrhiza species in the southern Balkash region Zh.B.Nashenov, G.Z.Nashenova, A.T.Klimshuk Biological characteristics of some ornamental and hardy-shrub species in the conditions of technogenic polluted of Zhezkazgan A.K. Sadanov, A. Khassenova, G.D. Ultanbecova, A.A. Nysanbaeva Antagonistic properties of rhizosphere microorganisms against pathogenic agents of sugar beet fungal diseases E.S.Sametova, S.B.Nurashov, A.K. Jiyenbekov, S.A. Abiev Conditions and prospects of the study of algae flora of the water reservoirs of specially protected natural territori Kazakhstan A.M. Assylbek, Y.V.Rakhimova, S.A. Orasbayev, V.F. Krasavin, S.E. Suleymenova, B.A. Yertaeva Comparative analysis of pathogenic mycobiota of leaves and tubers of potato Y.K. Turuspekov, S.I. Abugalieva Towards plant molecular systematics of flora in Kazakhstan R. D. Rakhimov, A.M. Nygymetova Species composition arthropod pests in greenhouses of southeastern Kazakh Conservation of genetic resources of plants ex-situ and in situ G.T. Sitpayeva, K. Makhmudova, S.A. Inerbayeva, A.K. Ospanov Study and ex-situ conservation of wild cereals of Aegilops genus as an additional source of valuable traits for wh breeding in Kazakhstan I.I. Kokoreva, I.G. Otradnych, I.A. S'edyna Rare bulb populations in the Chu-IIi mountains (the northern Tien Shan) I.I. Kokoreva, G.M. Kudabayeva, P.V. Vesselova Species composition of communities featuring Incarvillea semiretschenskia (B. Fedtsch.) grierson in the Chu-Ile mountains (the northern Tien Shan) A.M. Nurusheva, V.V. Lyssenko Ecological-geographical distribution of economically valuable and endemic species of onions in the Zailiyskiy A mountains N.Ye. Zverev, A.S. Yelubayeva Techniques of cultivation of some plant species in the nursery located in the foothills of the Ile Alatau mountains A.A. Kurmantaveva Features of spreading the endemic species in the boroldaytau of the Syr darya Karatau 159 INTERNATIONAL SCIENTIFIC CONFERENCE WITHIN TDAY OF KAZAKHSTAN' (E) CONSERVATION AND SUST - INVESTIGATION OF CLANT WORLD IN EURASIA AT THE PRESENT STACE