

PROGRAMME  
of the international conference  
**“INTERNATIONAL AND INTERREGIONAL CONNECTIVITY OF  
PROTECTED AREAS IN THE EUROPEAN NORTH”**  
(November 13–17, 2017, 11 Pushkinskaya St., Petrozavodsk)

<b>Monday</b>	<b>November 13, 2017.</b> <i>KarRC RAS Conference Hall anteroom</i>
14 <sup>00</sup> -16 <sup>00</sup>	Registration
<b>Tuesday</b>	<b>14 ноября 2017 г.</b> <i>KarRC RAS Conference Hall anteroom</i>
10 <sup>00</sup> -11 <sup>00</sup>	Registration
11 <sup>00</sup> -11 <sup>30</sup>	Opening of the conference. Welcoming speeches
<b>11<sup>30</sup>-13<sup>00</sup></b>	<b>PLENARY SESSION</b>
11 <sup>30</sup> -12 <sup>00</sup>	<b>A.N. Gromtsev, O.N. Bakhmet.</b> LANDSCAPE REPRESENTATIVENESS AND SPATIAL CONNECTIVITY AS THE FUNDAMENTAL PRINCIPLES OF PROTECTED AREA NETWORK FORMATION IN THE EUROPEAN NORTH
12 <sup>00</sup> -12 <sup>30</sup>	<b>A. Saano.</b> 40 NATIONAL PARKS - 40 CONNECTIVITY BENEFITS
12 <sup>30</sup> -13 <sup>00</sup>	<b>I.V. Kiprukhin.</b> DEVELOPMENT DYNAMICS AND PROSPECTS OF THE NETWORK OF REGIONAL-LEVEL PROTECTED AREAS IN KARELIA
<b>13<sup>00</sup>-14<sup>00</sup></b>	<b>Lunch</b>
<b>14<sup>00</sup>-17<sup>50</sup></b>	<b>PLENARY SESSION CONTINUED</b> (co-chairs: A. Saano, A.N. Gromtsev)
14 <sup>00</sup> -14 <sup>30</sup>	<b>B. Storränk.</b> THE BARENTS PROTECTED AREA NETWORK (BPAN)
14 <sup>30</sup> -15 <sup>00</sup>	T. Kalske, R. Kollstrøm, R. Tervo, <b>N. Polikarpova.</b> PASVIK-INARI TRILATERAL PARK – “NATURE AND HISTORY SHARED”
15 <sup>00</sup> -15 <sup>30</sup>	<b>O.K. Sutkaitis.</b> WWF ACTIVITIES TOWARDS THE DEVELOPMENT OF THE PROTECTED AREA NETWORK IN THE RUSSIAN PART OF THE BARENTS EURO-ARCTIC REGION
15 <sup>30</sup> -16 <sup>00</sup>	<b>S.N. Chernov.</b> LEGAL ASPECTS OF PROTECTED AREA NETWORK DEVELOPMENT IN THE EUROPEAN NORTH
<b>16<sup>00</sup>-16<sup>20</sup></b>	<b>Coffee break</b>
16 <sup>20</sup> -16 <sup>50</sup>	<b>J. Mikkola.</b> HIGH CONSERVATION VALUE (HCV) FOREST CONNECTIVITY FROM THE REPUBLIC OF KARELIA AND MURMANSK OBLAST THROUGH NORTHERN FINLAND TO NORBOTTEN, SWEDEN

- 16<sup>50</sup>-17<sup>20</sup> M. Lähteenmäki, J. Karhu, O. Ilmolahti, **A. Osipov**. ECOTOURISM, HISTORY AND CULTURAL HERITAGE IN THE CONSERVATION AREAS IN THE FENNOSCANDIAN GREEN BELT REGION
- 17<sup>20</sup>-17<sup>50</sup> S.V. Tarkhov. METSOLA BIOSPHERE RESERVE
- 17<sup>50</sup>-18<sup>30</sup> DISCUSSION

**Wednesday November 15, 2017. KarRC RAS Conference Hall**

- 10<sup>00</sup>-13<sup>00</sup>** **THEMATIC SESSION “Natural complexes of North European PAs (characteristics and protection specifics)”**  
(co-chairs: O.L. Kuznetsov, P. Aspholm)

Keynote lectures

- 10<sup>00</sup>-10<sup>30</sup> **O.L. Kuznetsov**, S.A. Kutenkov, M.A. Boichuk, E.L. Talbonen. THE DIVERSITY AND DYNAMICS OF MIRE ECOSYSTEMS IN THE PASVIK-INARI INTERNATIONAL PARK

- 10<sup>30</sup>-11<sup>00</sup> **K.N. Kobayakov**, S.V. Titova. PROTECTIVE FORESTS AS AN ELEMENT FOR PA NETWORK CONNECTIVITY

Contributed presentations

- 11<sup>00</sup>-11<sup>20</sup> S.I. Drovkina, **M.V.Gorbatova**. NATURAL COMPLEXES OF KENOZERSKY NATIONAL PARK INCLUDING RARE AND ENDANGERED SPECIES OF HIGHER VASCULAR PLANTS

- 11<sup>20</sup>-11<sup>40</sup> **N.M. Alekseeva**. PROTECTED AREAS OF ST. PETERSBURG: MANAGEMENT, CONSERVATION OF BIOLOGICAL AND LANDSCAPE DIVERSITY

**11<sup>40</sup>-12<sup>00</sup>** **Coffee break**

- 12<sup>00</sup>-12<sup>15</sup> **M.A. Boychuk**, V.Ya. Gorkovets, †M.B. Rayevskaya. MOSS FLORA OF THE RUSSIAN-FINNISH FRIENDSHIP PARK

- 12<sup>15</sup>-12<sup>30</sup> **T.V. Chernenkova**, M.Yu. Puzachenko. FOREST DIVERSITY OF THE LAPLAND NATURAL STATE BIOSPHERE RESERVE

- 12<sup>30</sup>-12<sup>45</sup> **A. Zagidullina**, N. Glushkovskaya, V. Kotkova, E. Kushnevskaya, D. Mirin, V. Mamontov, O. Manninen. INTACT FOREST LANDSCAPES ON THE BORDER OF THE ARCHANGELSK REGION AND KOMI REPUBLIC - BIOLOGICAL DIVERSITY AND VULNERABLE HABITATS

- 12<sup>45</sup>-13<sup>00</sup> E.M. Lapteva, **S.V. Deneva**. NORTHERN ALLUVIAL SOILS AS OBJECTS OF SPECIAL PROTECTION IN THE KOMI REPUBLIC PROTECTED AREA SYSTEM

**13<sup>00</sup>-14<sup>00</sup>** **Lunch**

- 14<sup>00</sup>-17<sup>30</sup>**      **THEMATIC SESSION “Natural complexes of North European PAs (characteristics and protection specifics)” CONTINUED**  
(co-chairs: A.M. Kryshen', J.P. Kurhinen)
- 14<sup>00</sup>-14<sup>15</sup>      **L.V. Vetchinnikova**, A.F. Titov. BOTANICAL RESERVES OF KARELIAN BIRCH IN KARELIA
- 14<sup>15</sup>-14<sup>30</sup>      **M.V. Medvedeva**, O.N. Bakhmet, B.V. Raevsky, E.V. Moshkina, A.V. Mamai. ECOLOGO-MICROBIOLOGICAL FOUNDATIONS FOR ORGANIZING SOIL MONITORING IN PROTECTED AREAS OF KARELIA
- 14<sup>30</sup>-14<sup>45</sup>      **M.G. Yurkevich**, I.A. Dubrovina. SOIL RESEARCH ON SOLOVETSKY ARCHIPELAGO ISLANDS
- 14<sup>45</sup>-15<sup>00</sup>      N.V. Dinkelaker, **A.T. Zagidullina**. POSSIBILITIES AND CHALLENGES OF BIODIVERSITY CONSERVATION IN FOREST LANDSCAPES
- 15<sup>00</sup>-15<sup>15</sup>      **B.V. Raevsky**. APPLYING GIS TECHNOLOGIES IN INVESTIGATION OF THE INTERNAL STRUCTURE OF INTACT FOREST TRACTS
- 15<sup>15</sup>-15<sup>30</sup>      **T. Nyman** PARASITES OF MARINE AND LANDLOCKED SEALS IN FINLAND AND RUSSIA: A MODEL SYSTEM FOR INVESTIGATING LOSS OF SPECIES AND GENETIC DIVERSITY IN ENDANGERED HOST-PARASITE NETWORKS
- 15<sup>30</sup>-16<sup>00</sup>**      **Coffee break**
- 16<sup>00</sup>-16<sup>15</sup>      **D.V. Panchenko**, K. F. Tirronen, P.I. Danilov, S.A. Kutenkov. THE ROLE OF PROTECTED AREAS IN THE CONSERVATION OF THE FOREST REINDEER (*RANGIFER TARANDUS FENNICUS LONNB.*) IN KARELIA
- 16<sup>15</sup>-16<sup>30</sup>      **N.V. Dinkelaker**, A.T. Zagidullina, D.B. Koltsov. EXPERIENCE IN MAPPING AND MONETIZING FOREST ECOSYSTEM SERVICE VALUES RELATED TO BIODIVERSITY AND OTHER NON-TIMBER RESOURCES IN PRISTINE FOREST LANDSCAPES
- 16<sup>30</sup>-16<sup>45</sup>      **S.A. Simonov**, M.V. Matantseva. CHARACTERISTICS OF THE AVIFAUNA OF THE KALEVALSKY NATIONAL PARK AND DEVELOPMENT OF A PROJECT TO ENCOURAGE THE NESTING OF LARGE BIRDS OF PREY
- 16<sup>45</sup>-17<sup>00</sup>      **N.V. Ilmast**, O.P. Sterligova. STRUCTURE OF THE FISH FAUNA IN LAKE KAMENNOYE (KOSTOMUKSHSKY STRICT NATURE RESERVE)
- 17<sup>00</sup>-17<sup>15</sup>      **G.D. Kataev**. *MICROMAMMALIA* DYNAMICS IN BORDER AREAS OF RUSSIA AND NORWAY
- 17<sup>15</sup>-17<sup>30</sup>      **V.V. Digalova**, D.O. Sadokov. NEW DATA ON THE ABUNDANCE OF ANURANS AT THE DARWIN NATURE RESERVE IN THE CONTEXT OF LONG-TERM MONITORING

**17<sup>30</sup>-19<sup>00</sup>**      **Roundtable session “Challenges and outlooks for the development of the Green Belt of Fennoscandia”**  
(moderators: A. Rekola, A.N. Gromtsev)

**Thursday**      **November 16, 2017. KarRC RAS Conference Hall**

**10<sup>00</sup>-15<sup>50</sup>**      **THEMATIC SESSION “Development of the PA network and establishment of the North European ecological framework based thereon. The Green Belt of Fennoscandia”**  
(co-chairs: A.F. Titov, T. Lindholm)

Keynote lectures

10<sup>00</sup>-10<sup>30</sup>      E.A. Borovichev, **A.M. Kryshen’**, O.V. Petrova. APPLICATION OF THE ECOSYSTEM APPROACH IN DELINEATING THE GREEN BELT OF FENNOSCANDIA IN THE MURMANSK REGION

10<sup>30</sup>-11<sup>00</sup>      **A.N. Gromtsev.** GREEN BELTS IN THE WEST OF THE EUROPEAN BOREAL ZONE: NATURAL CHARACTERISTICS AND CURRENT STATUS

11<sup>00</sup>-11<sup>20</sup>      **A. Rekola.** DEVELOPMENT OF THE GREEN BELT OF FENNOSCANDIA

Contributed presentations

11<sup>20</sup>-11<sup>40</sup>      **V.A. Kolomytsev.** GEOECOLOGICAL FRAMEWORK FOR THE GREEN BELT OF FENNOSCANDIA. ENVIRONMENTAL CORRIDORS AND BARRIERS

**11<sup>40</sup>-12<sup>00</sup>**      **Coffee break**

12<sup>00</sup>-12<sup>15</sup>      **V.N. Mamontov.** THE CONCEPT OF «ECOLOGICAL CORRIDORS»

12<sup>15</sup>-12<sup>30</sup>      **J. Kurhinen, O. Ovaskainen.** EXPERIENCE OF ORGANIZING THE MONITORING OF CLIMATE CHANGE IMPACT ON ECOSYSTEMS BASED ON THE INTERNATIONAL NETWORK OF COOPERATION BETWEEN PROTECTED AREAS

12<sup>30</sup>-12<sup>45</sup>      **E.A. Borovichev,** M.A. Boychuk, A.V. Kravchenko, O.O. Predtechenskaya, G.P. Urbanavichus, M.A. Fadeeva, Yu.R. Khimich. THE PLANT BIOTA OF THE PASVIK STRICT NATURE RESERVE – A KEYNOTE PIECE OF THE GREEN BELT OF FENNOSCANDIA IN THE NORTH OF EUROPE

12<sup>45</sup>-13<sup>00</sup>      **N.V. Petrov.** LANDSCAPE CHARACTERISTICS OF WATERSIDE FORESTS AS A KEY ELEMENT OF BIOGEOGRAPHICAL PASSAGES IN THE REPUBLIC OF KARELIA

**13<sup>00</sup>-14<sup>00</sup>**      **Lunch**

14<sup>00</sup>-14<sup>15</sup>      **N.V. Polikarpova,** M.A. Boychuk, A.A. Bolshakov, A.V. Kravchenko, O.A. Makarova, M.A. Fadeeva. VUORJEMA - A POTENTIAL INTERNATIONAL PROTECTED AREA ON THE NORTHERN TIP OF THE GREEN BELT OF FENNOSCANDIA

- 14<sup>15</sup>-14<sup>30</sup> **P. Aspholm** *MARGARITIFERA MARGARITIFERA* IN THE GBF AND THE ECOSYSTEM SERVICES CONNECTED TO IT, AND THIS SPECIES AS AN OBJECT IN THE NATURE-BASED TOURISM
- 14<sup>30</sup>-14<sup>45</sup> **V.V. Belkin**, F.V. Fyodorov. STUDIES OF THE VESPER BAT FAUNA IN THE GREEN BELT OF FENNOSCANDIA AND PROTECTED AREAS OF NORTHERN EUROPEAN RUSSIA
- 14<sup>45</sup>-15<sup>00</sup> **M.S. Levina**. PROTECTED AREAS IN THE REPUBLIC OF KARELIA AND FINLAND
- 15<sup>00</sup>-15<sup>15</sup> **B.V. Raevsky**. APPLYING GIS TECHNOLOGIES IN MAPPING THE NETWORK OF REGIONAL PROTECTED AREAS
- 15<sup>15</sup>-15<sup>30</sup> **E. Ieshko**, A. Veselov, D. Efremov, M. Ruchyov, I.L. Shchurov, V.A. Shirokov. SALMON & FRESHWATER PEARL MUSSEL POPULATIONS IN RIVERS OF THE GREEN BELT OF FENNOSCANDIA: STATUS AND CONSERVATION ISSUES
- 15<sup>30</sup>-16<sup>00</sup>** **Coffee break**
- 16<sup>00</sup>-18<sup>00</sup>** **THEMATIC SESSION “History, culture and education in the European North. Learning- and ecotourism in the region’s protected areas”**  
(co-chairs: A.V. Pigin, E.V. Kuznetsova)
- 16<sup>00</sup>-16<sup>15</sup> **N.V. Lobanova**. ARCHAEOLOGICAL HERITAGE IN MUROMSKY NATURE RESERVE (PUDOZHISKY DISTRICT, REPUBLIC OF KARELIA): CONSERVATION AND MANAGEMENT CHALLENGES
- 16<sup>15</sup>-16<sup>30</sup> **K.V. Shekov**, V.A. Shekov. THE OPPORTUNITIES FOR THE DEVELOPMENT OF EDUCATIONAL AND ECOLOGICAL TOURISM ON THE BASIS OF GEOLOGICAL MONUMENTS OF THE REPUBLIC OF KARELIA
- 16<sup>30</sup>-16<sup>45</sup> **E.I. Shubnitsyna**. THE ROLE OF THE SACRED MONUMENTS OF THE UNESCO SITE "VIRGIN KOMI FORESTS" IN SHAPING THE IMAGE OF THE URALS AND CIS-URALS
- 16<sup>45</sup>-17<sup>00</sup> **A.V. Pigin**. SAINTS AND SACRED OBJECTS OF THE KENOZERSKY NATIONAL PARK: BASED ON WRITTEN HERITAGE
- 17<sup>00</sup>-17<sup>15</sup> **L.P. Mikhailova**. NATURE VOCABULARY OF THE WHITE SEA DIALECTS IN THE CONTEXT OF ETHNOLINGUISTIC INTERACTIONS
- 17<sup>15</sup>-17<sup>30</sup> **N.N. Kutenkova**. EXCURSION TO THE NATURE: “INSECTS AS A COMPONENT OF THE FOREST COMMUNITY”
- 17<sup>30</sup>-17<sup>45</sup> **V.P. Kuznetsova**, E.V. Markovskaya. RESOURCES ON THE INTANGIBLE CULTURAL HERITAGE OF THE PEOPLES OF NORTHWEST RUSSIA AVAILABLE AT THE INSTITUTE OF LINGUISTICS, LITERATURE AND HISTORY, KARELIAN RESEARCH CENTRE RAS

17<sup>45</sup>-18<sup>00</sup>

**V.P. Kuznetsova, E.V. Markovskaya.** RESOURCES ON THE INTANGIBLE CULTURAL HERITAGE OF THE PEOPLES OF NORTHWEST RUSSIA AVAILABLE AT THE INSTITUTE OF LINGUISTICS, LITERATURE AND HISTORY, KARELIAN RESEARCH CENTRE RAS

18<sup>00</sup>

Wrap-up and closing of the conference

**Friday**

**November 17, 2017**

Departures

### POSTER SESSION

- 1. P. Aspholm, A. Kopatz, J. Schregel, H. Eiken, S. Hagen, S. Aarnes, N. Polikarpova, O. Makarova, S. Ogurtsov, T. Ollila.** LONG-TERM MONITORING OF BROWN BEAR POPULATION BY NON-INVASIVE GENETIC METHODS; RESULTS FROM PASVIK-INARI TRILATERAL PARK AREA – BACKGROUND FOR VALUATING ECOSYSTEM SERVICES
- 2. P. Aspholm, S. Wikan, T. Bjørn, A. Wikan, N. Polikarpova, I. Zatsarinny, A. Bolshakov, Y. Bychkov.** LONG-TERM MONITORING OF WATERBIRDS IN PASVIK RIVER RESERVES, NORWAY-RUSSIA; INDICATOR OF ECOSYSTEM SERVICES
- 3. H. Wam, E. Bergseng, P. Aspholm.** MULTIUSE CONSIDERATION IN ECOSYSTEM SERVICES
- 4. T. Kalske, R. Kollstrøm, R. Tervo, N. Polikarpova.** PASVIK-INARI TRILATERAL PARK COOPERATION