

PROGRAMME

2010 annual meeting INQUA-SEQS

Quaternary stratigraphy and paleontology of the southern Russia: connections between Europe, Africa and Asia (Rostov-on-Don, Russia, 21-26 June, 2010)

June 22, Tuesday

ORAL SESSION

9⁰⁰-10⁰⁰: Registration

10⁰⁰-11⁰⁰: Opening ceremony

Presentation of academician RAS Gennady Matishov (the chairman of Southern Scientific Centre RAS)

11⁰⁰ – 12³⁰ Chairpersons: M. Coltorti, T. Yanina

Reports – 10 min

Questions – 5 min

1. Velichko Andrey, Pisareva V., Morozova T., Borisova O., Faustova M., Gribchenko Yu., Timireva S., Semenov V., and Nechaev V. Correlation of the glacial and periglacial Pleistocene events in Eastern Europe: lines of attack
2. Borodin Alexander, Zinoviev E., Strukova T., Fominykh M., Markova E., Zykov S. Quaternary rodent and insect faunas of the south of the Urals and Western Siberia: connection between Europe and Asia
3. Iosifova Yuliya, Agadjanian A. Quaternary climatic changes, stratigraphy, and sedimentology of the Don River basin
4. Kalnina Laimdota, Strautnieks I., Cerina A., Juskevics V. The Zidini (Cromerian) Complex lake sediment sequence, South-Eastern Latvia
5. Yanina Tamara, Svitoch A. Biostratigraphy of the Caspian Neopleistocene
6. Dikarev Vasiliy. Problem of Phanagorian regression – comparing archaeological and paleogeographical data

Lunch – 12³⁰ – 13⁵⁰

13⁵⁰ – 15⁵⁰ Chairpersons: A. Borodin, A. Nadachowski

1. Tesakov Alexey, Simakova A., Inozemtsev S., Titov V. Gorkaya Balka: a reference Quaternary section in the North Caucasus (Krasnodar Region, Russia).
2. Baigusheva V., Titov Vadim. Pleistocene large mammal associations of the Sea of Azov and adjacent regions
3. Mayhew David F. West European arvicolid evidence of intercontinental connections during the Early Pleistocene
4. Abramson Natalia. Evolution and distribution history of arvicoline fauna: contribution from molecular data
5. Kolfschoten Thijs van, Tesakov A. Biostratigraphy of arvicoline assemblages from the Zuurland (the Netherlands) drilling project
6. van der Made Jan, Torres T., Ortiz J.E., Moreno-Pérez L., Fernández Jalvo Y. The fauna from Azokh: new fossils and new interpretations
7. Popova Lilia. History of *Spermophilus* species, as it has been read through the teeth

Coffee-break 15⁵⁰ – 16¹⁰

16¹⁰ – 18⁰⁰ Chairpersons: N. Gerasimenko, T. van Kolfschoten

1. Coltorti Mauro, Pieruccini P. Unconformity bounded stratigraphic units (UBSU) and their application to Central Italy and Sardinia
2. Danukalova Guzel, Osipova E., Lefort J.-P., Monnier J.-L. Recent advance in the stratigraphy of the Upper Pleistocene of Northern Brittany (France)
3. Schokker Jeroen, Greaves H.J., Bunnik F.P.M. Early Weichselian palaeogeography and palaeoecology of the North-Western Netherlands and correlation to global events
4. Rudenko Olga Vegetation and climate dynamics through late glacial to Middle Holocene derived from Pechora Sea pollen records
5. Westerhoff Willem, Donders T. The North Sea drilling project: Cenozoic climate and sea level changes on the NW European shelf – a major challenge for science (proposal outlines)
6. Kovaleva Galina. The reconstruction of hydrological regime and the level of the Azov Sea in the Quaternary by using of diatom analysis

18⁰⁰-19⁰⁰ Small welcome party (in the Southern Scientific Centre RAS)

June 23, Wednesday

ORAL SESSION

9³⁰ - 11⁰⁰ Chairpersons: G. Danukalova, D. Mayhew

1. Gerasimenko Natalia. The Late Pleistocene environmental changes from the Northern Ukraine to the Southern Crimea as evidenced by pollen
2. Novenko E., Krasnorutskaya Kristina. Vegetation dynamics of the Azov Sea Region in the Late Holocene
3. Tchepalyga Andrey. High Resolution Stratigraphy of the Latest Pleistocene (16-11 ky) in Caspian Sea (Khvalynian basin)
4. Pogodina N., Strukova Tatyana. New data on Pliocene vole fauna from Zverinogolovskoye locality (Southern Trans-Urals region)
5. Zastrozhnov Andrey, Krutkina O.N., Minina E.A., Shkatova V.K. State geological mapping of the Quaternary formations in the Russian Federation.
6. Suata Alpaslan Fadime, Dinçarslan İ. The paleoenvironmental implications of the Eastern Mediterranean: a construction based on rodents

Coffee-break 11⁰⁰ – 11²⁰

11²⁰ – 12⁵⁰ Chairpersons: J. van der Made, T. Strukova

1. Popova Lilia. History of *Spermophilus* species, as it has been read through the teeth
2. Sato T., Khenzykhenova Fedora. Mammoth fauna of Baikal Siberia: results of contemporary archaeological studies
3. Petrova Ekaterina. New data about the skull of the *Elasmotherium sibiricum*
4. Kirillova Irina, Shidlovskiy F., Chernova O. New data on woolly rhinoceros (*Coelodonta antiquitatis* Blumenbach) horns
5. Lefort J.-P., Danukalova Guzel. Stratigraphic evidence for an Aktchagylian to Quaternary deformation developed at a right angle with the Main Southern Urals Chain
6. Alexeeva N., Erbajeva M., Khenzykhenova Fedora. Development of the aridity in the Transbaikalian area in context of global and regional events based on the study of small mammal faunas

Lunch – 12⁵⁰ – 14²⁰

14²⁰ – 15²⁰ Chairpersons: L. Kalnina, W. Westerhof

1. Van der Made Jan. Biogeography and human dispersal into Europe
2. Kashibadze Vera. Evidence from dental anthropology to the history of Eurasian populations
3. Shchelinsky V., Tesakov Alexey, Titov V. Early Paleolithic sites in the Azov Sea Region: stratigraphic position, stone associations, and new discoveries

POSTERS SESSION

15²⁰-16²⁰

Report and questions – 5 min

Berto Claudio, Rubinato G. The Upper Pleistocene mammal record from Caverna Degli Orsi (San Dorligo della Valle – Dolina, Trieste, Italy): a faunal complex between Eastern and Western Europe

Danukalova Guzel, Osipova E., Yakovlev A., Kosintsev P. Palaeoenvironment of the Bronze Age settlement Tanalyk located in the Trans-Urals Region (Russia)

Demina Olga. Paleoecological patterns forming of the Lower Don vegetation

Dobrovolskaya Maria, Kirillova I., Shidlovskiy F. Stress markers of large mammals and humans. Environmental influences reconstruction

Farboodi Manoochehr, Khaksar K., Haghighi S. Study of erosion in the Quaternary units of Shiraz Area, Maharlu basin- Zagros mountains (SW Iran)

Field Michael. Preliminary results from an investigation of Pleistocene deposits at Happisburgh, Norfolk, UK – evidence of early hominin activity

Frolov Pavel. Neopleistocene molluscs from Sinyi Yar locality (Severskii Donets River, Rostov Region, Russia)

Kachevsky Pavel, Litvinenko V. Some results on Early Paleolithic sites and paleontological localities in the North-Eastern Sea of Azov Region

Kleschenkov Alexey. The use of digital elevation model for study of the paleogeography of the Azov Sea Region

Kosintsev Pavel. Relict mammal species of the Middle Pleistocene in Late Pleistocene fauna of the south of Western Siberia

Kosintsev Pavel, Bachura O. Mammal faunas during the Late Pleistocene and Holocene in the Southern Urals

Kovaleva Galina. The reconstruction of hydrological regime and the level of the Azov Sea in the Quaternary by using of diatom analysis

Kuznetsov Denis, Subetto D., Neustrueva I., Sapelko T., Ludikova A., Gerasimenko N., Bakmutov V., Stolba V., Derevyanko G. Lakes sediments of the Crimean Peninsula and their use in reconstructions of the Black Sea level changes

Leonova Natalia, Nesmeyanov S., Vinogradova E., Voeykova O. The reconstruction of hilly paleolandscapes and Upper Paleolithic subsistence practices and settlement system on the South of the Russian Plane

Markova Anastasia, Tchepalyga A. The first locality of fossil rodents in the Manych basin (Rostov province)

Matishov G., Polshin V., Kovaleva G. The specific features of sedimentation on the shelf of the southern seas (the Sea of Azov being exemplified)

Nevidomskaya Dina, Iljina L., Dvadnenko K. Influence of the Bronze age burials on properties of soils of the Lower Don Region

Schlöffel Marlen, van Hoof L. Geoarchaeological investigations on the landscape history of the Preazovian Plain (Southern Russia) during the Late Holocene

Socha Paweł, Nadachowski A., Proskurnyak Y., Ridush B., Stefaniak K., Vremir M.M. New data on stratigraphy and fauna of Emine-Bair-Khosar cave, Crimea, Ukraine

Sotnikova Marina, Foronova I. Late–Early–Middle Pleistocene records of *Homotherium* Fabrini (Felidae, Machairodontinae) from the Asian territory of Russia

Svitoch Alexander. Late Pleistocene history of the Russian shelf of the Caspian Sea

Syromyatnikova Elena, Danilov I. The review of turtle record from the Quaternary sediments of European Russia and adjacent territories.

Velichko Andrey, Catto N., Tesakov A., Titov V., Morozova T., Semenov V., Timireva S. The structure of Pleistocene loess-paleosol formation in southern Russian Plain based on data from Eastern Azov Sea Region

16²⁰-17⁰⁰ **General discussion**

Conference friendly party 19⁰⁰ (restaurant “Sobranie” in the city)

FIELDTRIPS

June 24, Thursday. 9⁰⁰-20⁰⁰

Fieldtrip 1: The excursion to the northern coast of the Taganrog Gulf of the Sea of Azov:

The Tanais Archeological Culture Preserve”.

Upper Paleolithic site “Kamennaya Balka”.

Locality Merzhanovo, Lower Pleistocene Khapry alluvial layers.

Locality Beglitsa, Middle – Upper Pleistocene fluvial, lacustrine, and loess-paleosol sediments.

June 25, Friday. 9⁰⁰-19⁰⁰

Fieldtrip 2: The excursion to the southern coast of the Taganrog Gulf of the Sea of Azov:

River boat excursion from Rostov-on-Don to Azov, passing by the Don River delta. Early – Late Pleistocene localities Semibalki 1 and 2 (fluvial, lacustrine, loess-paleosol sediments, fossil mammals and molluscs).

Biological station of Southern scientific centre RAS, Kagal’nik

June 26, Saturday. 9⁰⁰-19⁰⁰

Fieldtrip 3:

The excursion to the Azov archeological, historical and paleontological museum-reserve. Middle Pleistocene alluvial deposits in the Kagal’nik sand pit (Zelenyi; fossil molluscs and mammals).

June 27, Sunday. 10⁰⁰-11⁰⁰

The excursion to the Rostov Regional Museum.