

XIXth NECLIME meeting

Saint Petersburg, September 25–27, 2019

Conference Program

Tuesday September 24

Registration: 16.00 – 17.00, Hall of the Scientific Council of the Komarov Botanical Institute
Ul. prof. Popova 2

Welcome dinner: 17.30, Exhibition Hall "Green house" Botanical Garden of the Komarov
Botanical Institute

Wednesday September 25

Hall of the Scientific Council (Herbarium)
Komarov Botanical Institute
Ul. prof. Popova 2

Session chairman Dmitry Gromyko

10.00	Dmitriy Geltman (director of the Komarov Botanical Institute)	Opening of the conference, welcome address.
10.150	Torsten Utescher, Angela A. Bruch	Introduction, NECLIME news
10.30	Lutz Kunzmann, Shu-Feng Li, Jian Huang, Torsten Utescher, Tao Su, Zhe-kun Zhou	The Miocene Climatic Optimum: the terrestrial vegetational perspective from central Europe
10.50	Edoardo Martinetto	Quantification of plant genera and species extirpation in southern Europe at the end of the Neogene
11.10	<i>Coffee break</i>	
11.40	Yaowu Xing, Renske E. Onstein, Maria A. Gandolfo, Qiuyue Zhang, H. Peter Linder	Cenozoic north temperate woody angiosperm diversity regulated by global temperatures
12.00	Wilfried Konrad & Anita Roth-Nebelsick	Dual-use of a proxy: obtaining palaeo-temperature from stomatal density and palaeo-

CO2

- 12.20 Vasilis Teodoridis & Petr Mazouch. The Integrated Plant Record vegetation analysis – methodological advancements
- 12.40 Torsten Utescher, Olesya Bondarenko, Yusheng (Christopher) Liu, Volker Mosbrugger, Svetlana Popova, and Cheng Quan Towards an analysis of Cenozoic continental climate patterns on both sides of the Pacific
- 13-00 Lunch**
- Session chairman Zhou Zhe-Kun**
- 14.30 Bruch, A.A., Astghik Papikyan, Gabrielyan, I., Kvavadze, E. The resource space of Early Homo in Europe – implications from vegetation dynamics and plant food resource availability in the Caucasus
- 14.50 Yul Altolaguirre, Angela A. Bruch, Luis Gibert. Early Pleistocene climate and regional environments in Southern Spain – A palynological study of lake sediments in the Baza Basin, SE Spain
- 15.10 Arata Momohara, Takeyuki Ueki, Takeshi Saito. Early Pleistocene climatic and floral evolution in central Japan reconstructed from plant macrofossil assemblages
- 15.30 Coffee break**
- 16.00 Wang Wei-Ming, Zhang Ji-Xiao, Gao Feng Recent progress of Late Paleolithic vegetation and climate study in Yunnan province, SW China
- 16.20 Yi-Feng Yao, Xia Wang, Feng Qin, Alexandra H. Wortley, Stephen Blackmore, Yu-Fei Wang Climate instability during the Younger Dryas interval in the Hengduan Mountains
- 16.40 Elen Hakobyan, Ivan Gabrielyan, Edoardo Martinetto, Angela A. Bruch. A contribution to vegetation reconstruction based on palaeocarpological material from Lake Sevan’s Holocene peat bog
- 17.00 Tour to the Komarov Botanical Institute Greenhouse**

Thursday September 26

Hall of the Scientific Council (Herbarium)

Komarov Botanical Institute

Ul. prof. Popova 2

Session chairman Torsten Utescher

- | | | |
|--------------|--|---|
| 10:00 | Oleksandra Chernomorets,
Jakub Sakala | Impact of being evergreen or deciduous on the wood anatomy of the trees in polar regions during the warm geological period: case study from Upper Cretaceous of the James Ross Island (Antarctic Peninsula) |
| 10.20 | Yong-Jiang Huang, Lin-Bo Jia,
Arata Momohara, Tao Su, Hai
Zhu, Zhe-Kun Zhou. | Fossil charcoals indicate a local wildfire in a coniferous mixed forest from the late Pliocene of southeastern Tibetan Plateau |
| 10.40 | Gongle Shi. | A Miocene flora from Huanan, Heilongjiang, Northeast China |
| 11.00 | Zixi Wang | New fossils of Lauraceae and epiphytic fungus from the Middle Miocene of Fujian, southeastern China |
| 11.20 | Hui Jia, Bainian Sun, Xiangning
Meng, Xiangchuan Li, Liang
Xiao. | The Miocene Fagaceae from Zhejiang, eastern China and its palaeobiogeographical, palaeoclimatic significance |
| 11.40 | <i>Coffee break</i> | |
| 12.10 | Zhekun Zhou | Tibet was the crossroad of floristic exchange in Paleogene |
| 12.30 | Chunxiang Li, Robbin C. Moran,
Junye Ma, Bo Wang, Jiasheng
Hao, Qun Yang | New fossil of <i>Krameropteris</i> (Denntstaedtiaceae) in mid-Cretaceous amber from Myanmar |
| 12.50 | Nela Doláková, Marianna
Kováčová, Torsten Utescher | Vegetation and climate changes during the MMCO and MMCT in the northern part of Central Paratethys (Czechia and Slovakia) |
| 13.10 | Dimiter Ivanov & Vladimir
Bozukov | A contribution to the Oligocene flora from the Pernik Basin, Bulgaria |
| 13.30 | <i>Lunch</i> | Poster session, discussions |

Session chairman Svetlana Popova

- | | | |
|-------|-----------------------------|--|
| 15.00 | Tengxiang Wang, Jian Huang, | Fossil involucres of <i>Ostrya</i> (Betulaceae) from early |
|-------|-----------------------------|--|

	Wen-Na Ding, Cédric Del Rio, Tao Su, Zhekun Zhou	Oligocene Yunnan and its biogeographical implications
15.20	Alexei A. Oskolski, Anna V. Stepanova, Huang Luliang and Jianhua Jin	Araucarioid fossil wood from the late Oligocene - early Miocene of Hainan Island: the most ancient evidence of the genus <i>Agathis</i> in eastern Asia
15.40	Vandana Prasad & Torsten Utescher	Quantitative reconstruction of early Eocene climate of the equatorial region based on Indian palynological records
16.00	Coffee break	
16.30	Gaëtan Guignard , Xiao-Ju Yang, Yong-Dong Wang.	Cuticle ultrastructure of <i>Baiera furcata</i> from Northeast China and its implication in taxonomy and palaeoenvironment
16.50	Desa Djordjević Milutinović, Branka Stevanović	Comparative analysis of the European fossil leaves within the genus <i>Nelumbo</i>
17.10	Aleksej Vladimirovič Hvalj	Palaeocarpological collections of the Komarov Botanical institute
17.30	Torsten Utescher, Angela A. Bruch	Final discussion, closing of the conference

Poster presentations

Hall of the Academic Council (Herbarium)

Komarov Botanical Institute

Ul. prof. Popova 2

Svetlana Popova, Torsten Utescher, Danila Zarkhidze, Angela Bruch, Volker Mosbrugger	Pleistocene climate and vegetation of cape Spindler (Ugra Peninsula) and palaeoenvironmental implications.
Dana Höfer, Martina Stebich, Lutz Katzschmann	Palynological studies on biostratigraphy and palaeoenvironment of the Middle Pleistocene in Thuringia/Germany
M.P. Tiunov M.V. Vinokurova.	The first find is the late Pleistocene-Holocene bone remains of <i>Myospalax</i> in the Jewish Autonomous Region (Russian Far East)
Eduard Kuznetsov, Arseny Galimov, Julia Shalaumova,	Insolation variations influence on the climatogenic dynamics in Eurasian subarctic for the Holocene

Aleksandr Borodin.

Nowak H., Roghi G. &
Kustatscher E.

Guido Roghi, Evelyn
Kustatscher, Eugenio Ragazzi,
Leyla Seyfullah & Alexander
Schmidt

Correlation between the different Triassic palynozonation
schemes

Palynological analyses of the Italian Triassic amber bearing layers

Friday September 27

09.00 a.m. Departure from the Herbarium building of the Botanical Garden (ul. prof. Popova 2).

Floristic & Historical bus tour: (1) botanical tour in the vicinity of the Sestroretskiy Razliv lake; (2) town Kronstadt: Naval Cathedral of Saint Nicholas; (3) town Lomonosov, park ensemble "Oranienbaum".

Saturday September 28

Departure