

WORKSHOP TUESDAY 23 OCTOBER, 2018

Prehistory and Societal Development in Eastern Asia



ORGANIZED BY SHIXIA YANG & MICHAEL PETRAGLIA



The Institute of Vertebrate Paleontology
and Paleoanthropology (IVPP),
Chinese Academy of Sciences

Max-Planck-Institut für
Menschheitsgeschichte
Max Planck Institute for the Science of Human History



Workshop: Prehistory and Societal Development in Eastern Asia

Organised by Shixia Yang and Michael Petraglia
October 23, 2018

A joint one-day workshop is being held between the Department of Archaeology, Max Planck Institute for the Science of Human History (MPI-SHH) and the Institute of Vertebrate Paleontology and Paleoanthropology (IVPP), Chinese Academy of Sciences.

Asia is the Earth's largest and most populous continent today, though we know little about the evolutionary history of human cultures over the long term. The spread of peoples, plants and animals across Asia are of great interest to archaeologists and earth scientists. In recent years, the MPI-SHH and the IVPP have been conducting interdisciplinary archaeological field work and laboratory research on sites across Asia, including in Eastern Asia. This workshop will bring together researchers from the MPI-SHH and the IVPP in order to discuss diverse topics such as human dispersals, cultural connections, domestication processes, and the role of climate change in influencing human palaeodemography and societal development. The latest results of field and laboratory work will be presented, providing the stimulus to discuss future collaborations.

Time has been allotted for discussion. Talks will be 15 minutes, with 5 minutes for questions. General discussion periods will follow each session.

October 23

8.00-9.00 Registration

Introduction

9.00-9.15 Nicole Boivin
The Department of Archaeology at the MPI-SHH and its Research Aims in Asia

9.15-9.30 Xiaoqiang Li
The Department of the Palaeoenvironment at the IVPP and Key Research Findings in China

Dispersals and Cultural Connections

Chair: Oshan Wedage

9.30-9.50 Michael Petraglia
Late Pleistocene Dispersal of Humans across Asia

9.50-10.10 Robert N. Spengler
Domestication through Dispersal: Arboreal Crops in Eurasia

10.10-10.30 Shixia Yang
Cultural Adaptations during the Late Pleistocene in North and Northeast China

10.30-11.00 **Coffee Break**

11.00-11.20 Katerina Douka and Sam Brown
Collagen Fingerprinting (ZooMS) and High-precision Radiocarbon Dating for Understanding Early Human Movements and Interactions across Asia

11.20-11.40 Andrea Picin
Technological Perspectives on Hominins Dispersal in Eurasia

11.40-12.00 **Discussion**

12.00-13.30 **Lunch Break**

Palaeoenvironments and People
Chair: Florian Ott

13.30-13.50 Patrick Roberts and Jana Zech
Early Rainforest Adaptations by Homo sapiens in Southern China?

13.50-14.10 Keliang Zhao
The Survival Environment of Mammuthus-Coelodonta Fauna in the Songnen Plain, NE China

14.10-14.30 Nils Vanwezer
Preliminary Results from Palaeoenvironmental and Archaeological Work in the Gobi-Altai of Mongolia

14.30-14.50 Hui Shen
Mid- to Late Holocene Woodland Vegetation and Human Impact in the Loess Plateau Based on Charcoal Records

14.50-15.10 **Discussion**

15.10-15.40 **Coffee Break**

Domestication and Societal Development
Chair: Anneke Janzen

15.40-16.00 Alicia Ventresca Miller
Adoption of Cultigens by Pastoral Populations in Central and Inner Asia

16.00-16.20 Xinying Zhou

The Development and Transmission of Prehistoric Agriculture in China

16.20-16.40 William Taylor
*Understanding Animal Domestication and Inner Asian Prehistory through High
Altitude/Ice Patch Archaeology*

16.40-17.00 ***General Discussion***

17.00-17.10 ***Future collaboration***

18:30 Dinner