

Agenda

“Paleoecological reconstructions – lacustrine, peat and cave sediments” 22-24.05.2013, Białka Tatrzańska, Poland

Tuesday, 21.05.2013

16.30 – 20.00 Registration

20.00 – Ice-break Dinner

Wednesday, 22.05.2013

9.00 – 9.15 Opening ceremonies: Prof. dr hab. Marek LEWANDOWSKI and Prof. dr hab. Krystyna SZEROCZYŃSKA

Keynote lectures:

9.15 – 10.00 Richard W. BATTARBEE

LAKE SEDIMENTS AND THE ANTHROPOCENE

10.00 – 10.45 Margarita CABALLERO, S. LOZANO, B. ORTEGA, E. ZAWISZA,
E. CUNA

TROPICAL PALEOLIMNOLOGY: SOME EXAMPLES FROM MEXICO

10.45 – 11.15 Coffee break

Oral presentations:

11.15 – 11.35 Edyta ZAWISZA, M. CABALLERO, S. LOZANO GARCÍA, B. ORTEGA,
E. TORRES RODRÍGUEZ, G. VÁZQUEZ

WATER LEVEL CHANGES RECORDED IN THE SEDIMENTS OF TROPICAL LAKE ZIRAHUEN (WESTERN MEXICO)

11.35 – 11.55 Manuela MILAN, Ch. BIGLER, M. TOLOTTI

PALEO-ECOLOGICAL RECONSTRUCTION OF THE SECULAR EVOLUTION OF THE LARGEST ITALIAN LAKE (LAKE GARDA).

11.55 -12.15 Michał WOSZCZYK, N. GRASSINEAU, W. TYLMANN,
M. LUTYŃSKA, G. KOWALEWSKI

WATER LEVEL CHANGES IN LAKE ANSTAZEWO AND LAKE SKULSKIE (CENTRAL POLAND) DURING THE LAST 20 YEARS AND ITS STABLE C ISOTOPE RECORD: IMPLICATIONS FOR PALEOLIMNOLOGY

12.15 – 12.35 Monica TOLOTTI, P. GUILIZZONI, A. LAMI, S. MUSAZZI,
U. NICKUS, R. PSENNER, N. ROSE, H. YANG, H. THIES

COMBINED EFFECTS OF NUTRIENT AND CLIMATE CHANGE INTERACTION ON PIBURGER SEE (AUSTRIA) – RESULTS FROM PALEO- AND NEOLIMNOLOGY

12.35 – 12.55 Liisa NEVALAINEN, M. RAUTIO

UV RADIATION ABSORBANCE OF SEDIMENTARY CLADOCERAN REMAINS – A NEW METHOD FOR PALEOAQUATIC INFERENCES

13.00 – 14.30 Lunch

Keynote lecture

- 14.30 – 15.15 Krystyna MILECKA
PEATLAND STUDIES IN POLAND - PAST AND MODERN SCIENTIFIC DIRECTIONS

Oral presentations

- 15.15 – 15.35 Monika METRAK, M. SUSKA-MALAWSKA
CAN WE APPLY SIMPLE GEOCHEMICAL FEATURES OF PEAT TO PRELIMINARILY ASSESS PALEOCLIMATE CONDITIONS?
- 15.35 – 15.55 Izabela ZAWISKA, E. ZAWISZA, M. WOSZCZYK,
K. SZEROCZYŃSKA, W. SPYCHALSKI, A. CORREA-METRIO
LAKE TROPHY CHANGES IN DYSTROPHIC LAKES (WIGIERSKI NATIONAL PARK, POLAND) RECORDED IN SEDIMENT CORES
- 15.55 – 16.20 Grzegorz KOWALEWSKI, R. KORNIJÓW, S. McGOWAN,
A. KACZOROWSKA, K. BAŁAGA, M. GAŚSIOROWSKI,
A. WASIŁOWSKA, T. NAMIOTKO
DISENTANGLING NATURAL AND ANTHROPOGENIC DRIVERS OF MACROPHYTE SUCCESSION IN A SHALLOW LAKE ROTCZE (EASTERN POLAND) STARTING FROM PRE-DISTURBANCE CONDITION
- 16.20 – 16.50 Coffee break
- 16.50 – 18.30 **Poster session part 1**
- 19.00 Grill dinner

Thursday, 23.05.2013

Keynote lectures:

- 9.00 – 9.45 Helena HERCMAN
CAVES AS AN ARCHIVE OF PAST
- 9.45 – 10.30 Oana T. MOLDOVAN, L. EPURE, I. N. MELEG, S. CONSTANTIN
PALEOENVIRONMENTAL RECONSTRUCTIONS FROM KARSTIC LAKES AND CAVE SEDIMENTS
- 10.30 – 10.50 Antje SCHWALB, B. PLESSSEN, N. BÖRNER, C. WROZYNA, G. DAUT, S. DOBERSCHÜTZ, P. FRENZEL, T. HABERZETTL, T. KASPER, R. MÄUSBACHER, L. ZHU
MONSOON DYNAMICS ON THE TIBETAN PLATEAU SINCE THE LAST GLACIAL MAXIMUM: COMBINED ECOLOGICAL AND STABLE ISOTOPE EVIDENCE

10.50 – 11.20 Coffee break

Oral presentations:

- 11.20 – 11.40 Tatyana SAPELKO, Z. ANTIPUSHINA, A. LUDIKOVA
THE FORMATION OF A LAKE MICROBIOTA IN THE LATE- AND POSTGLACIAL TIMES INFERRED FROM LAKE SEDIMENTS: PRELIMINARY RESULTS OF THE STUDY OF LAKE GLUBOKOYE (MOSCOW REGION, RUSSIA)

- 11.40 – 12.00 Zhanna ANTIPUSHINA, N. KOROVCHINSKY, E. ZAWISZA
*JOINT ALGO-ZOOLOGICAL ANALYSIS OF LAKE GLUBOKOE'S SEDIMENTS IN
COMPARISON OF LONG-TERM MONITORING OF ZOOPLANKTON (MOSCOW
REGION, RUSSIA)*
- 12.00 – 12.20 Wojciech TYLMANN, A. BONK, D. ENTERS, T. GOSLAR,
M. GROSJEAN
*VARVE STRUCTURE, CHRONOLOGY AND XRF SCANNING RESULTS OF THE
SEDIMENT RECORD FROM LAKE ŻABIŃSKIE, NORTHEASTERN POLAND:
INSIGHT INTO THE CLIMATE OF THE LAST MILLENNIUM*
- 12.20 – 12.40 Martin GROSJEAN, I. HERNANDEZ, I. LAROCQUE, B. AMANN,
Ch. BUTZ, A. BONK, J. FILIPIAK, R. PRZYBYŁAK, W. TYLMANN
*CALIBRATING AND RECONSTRUCTING THE CLIMATE OF NE POLAND FROM
VARVED LAKE ŻABIŃSKIE, MASURIAN LAKE LAND*
- 12.40 – 13.00 Karina APOLINARSKA
*THE ISOTOPE COMPOSITION OF SHELLS OF RECENT FRESHWATER
MOLLUSCS: PALEOENVIRONMENTAL IMPLICATIONS*
- 13.00 – 14.30 Lunch
- 14.30 – 16.00 **Poster session part 2**
- 16.30 – 17.00 Coffee break
- 17.00 Closing ceremony: Prof. dr hab. Marek LEWANDOWSKI and Prof. dr hab. Krystyna SZEROCZYŃSKA
- 19.00 Conference dinner

Friday, 24.05.2013

- 8.00 – 17.00 Field trips (pocked lunch)
- FIELD TRIP TO DEMIANOVA CAVE SYSTEM (SLOVAKIA)
Pavel BELLA, Michał GRADZIŃSKI, Helena HERCMAN
- FIELD TRIP TO POLISH TATRA MTS LAKES: 1) MORSKIE OKO LAKE,
2) VALLEY OF FIVE POLISH LAKES
Łukasz PEKSA, Paweł SZCZEPANEK, Michał GAŚSIOROWSKI,
Elwira SIENKIEWICZ
- FIELD TRIP TO THE PEATBOG PUŚCIZNA WIELKA
Dorota NALEPKA, Katarzyna KORZEŃ, Marek KRAPIEC,
Elżbieta SZYCHOWSKA-KRAPIEC
- 18.30 Dinner

Poster session part 1

Justyna DRESLER, D. URBAN

PLANT SUCCESSION ON BURIED PEATLANDS OF THE GIEŁCZEW HEIGHTS IN THE LIGHT OF PLANT MACROFOSSIL ANALYSIS

Danuta DRZYMULSKA, M. KUPRYJANOWICZ, M. FIŁOC, P. ZIELIŃSKI

DEVELOPMENT OF HUMIC LAKES OF WIGRY NATIONAL PARK IN THE LATE GLACIAL AND HOLOCENE

Magdalena FIŁOC, M. KUPRYJANOWICZ

LATE GLACIAL AND HOLOCENE DEVELOPMENT OF VEGETATION IN THE WIGRY NATIONAL PARK ON THE BACKDROP OF CLIMATIC CHANGES

Wojciech GAMRAT, L. ANDRZEJEWSKI, M. KARASIEWICZ, I. KRZEŚLAK, A. KUPNIEWSKA, K. LEWANDOWSKI

LATE GLACIAL AND EARLY HOLOCENE ENVIRONMENTAL HISTORY RECORDED IN SEDIMENTS OF RUDAW PEATLAND ON THE BASE OF PLANT MACROFOSSIL ANALYSIS

Mariell JÜSSI, A. MARZECOVA

ASSESSMENT OF CLIMATE-RELATED PALEOPRODUCTIVITY CHANGES IN SMALL ICELANDIC LAKE DURING LAST CENTURIES

Iwona KRZEŚLAK, W. W. GAMRAT, A. KUPNIEWSKA, K. LEWANDOWSKI, B. NORYSKIEWICZ

THE LATE GLACIAL AND HOLOCENE ENVIRONMENTAL CHANGES RECORDED IN BIOGENIC SEDIMENTS OF DZIKOWO PEATLAND IN THE TORUŃ BASIN (POLAND) – PRELIMINARY RESULTS

Joanna LENARCZYK, P. KOŁACZEK, V. JANKOVSKÁ, M. KARPIŃSKA-KOŁACZEK, A. PĘDZISZEWSKA, M. ZIMNY, N. STIVRIŇŠ, A. SZYMCZYK

AN ENIGMATIC PEDIASTRUM TAXON AND ITS PALAEOBIOINDICATIVE VALUE

Adam MICHCZYŃSKI, W. MARGIELEWSKI, P. KOŁACZEK, A. OBIDOWICZ, D.J. MICHCZYŃSKA

COMPARISON OF PALEOGEOGRAPHIC RECORDS OF THE HOLOCENE ENVIRONMENTAL CHANGES IN TWO LANDSLIDE PEAT-BOGS OF THE BESKID SĄDECKI MTS. – CASE STUDY OF JESIONOWA AND WIERCHOMLA SITES

Joanna MIROŚLAW-GRABOWSKA, M. OBREMSKA, E. ZAWISZA

THE LATE GLACIAL AND HOLOCENE LAKE ENVIRONMENT RECORDED IN THE ROMOTY SUCCESION (NE POLAND) BASED ON ISOTOPIC, POLLEN AND CLADOCERAN DATA

Dominik PAWŁOWSKI

CLADOCERA FROM VALLEY MIRE SEDIMENTS, CENTRAL POLAND—A GOOD CLIMATE INDICATOR?

Irena A. PIDEK, P. KULESZA, M. SUCHORA, R. DOBROWOLSKI, J. ŁOJEK

MULTI-PROXY RECORD OF ENVIRONMENTAL CHANGES IN SE POLAND: A CASE STUDY OF TWO LAKES IN THE CHEŁM HILLS

Marttiina RANTALA, T. P. LUOTO, L. NEVALAINEN

INFERRING LONG-TERM WATER QUALITY CHANGES AND ASSOCIATED ENVIRONMENTAL VARIABLES FROM THE SEDIMENT BIOSTRATIGRAPHY AND GEOCHEMISTRY OF A SMALL DYSTROPHIC LAKE IN SOUTHERN FINLAND

Małgorzata SUSKA-MALAWSKA, M. MĘTRAK

APPLICABILITY OF CHOSEN PEAT GEOCHEMICAL FEATURES TO RECONSTRUCT PAST CLIMATIC CHANGES ON THE EXAMPLE OF A RAISED BOG FROM THE SOUTHERN POLAND

Marta SZAL, M. KUPRYJANOWICZ, M. WYCZÓŁKOWSKI

VEGETATION DEVELOPMENT AND HUMAN ACTIVITIES IN THE MRĄGOWO LAKE DISTRICT (NE POLAND) DURING THE LAST CA. 3000 YEARS

Małgorzata WITAK

POST-GLACIAL ENVIRONMENTAL CHANGES OF LAKE SUMINKO (KASHUBIAN LAKE DISTRICT, NORTHERN POLAND) BASED ON DIATOM TAPHOCOENOSSES

Poster session part 2

Alena FIRSOVA, E. LIKHOSHWAY

CHRYSTOPHYTA STOMATOCYSTS AS ADDITIONAL PLAEOLIMNOLOGICAL SIGNAL

Filip B. HARASIMIUK, A. NĘDZAREK

MEANING AND OPTIMIZATION PRODUCTION OF BIOMAS FROM MICROALGAE WITH THE INTERDISCIPLINARY POSSIBILITIES OF THEIR USE

Philipp HOELZMANN, D. KNITTER, P. BORRELLI, Ch. DOMDEY

LATE HOLOCENE HUMAN-INDUCED SOIL EROSION AND LANDSCAPE CHANGES IN SMALL, CENTRAL ITALIAN (APENNINE MOUNTAINS) CATCHMENTS

Anna HRYNOWIECKA, I. A. PIDEK, W.P. ALEXANDROWICZ

PALAEOECOLOGICAL RECONSTRUCTIONS OF MAZOVIAN (HOLSTEINIAN) INTERGLACIAL LAKE IN THE BRUS SITE (POLESIE REGION, E POLAND) - PALAEONTOLOGICAL APPROACH

Jarosław PAJĄKOWSKI

LACUSTRINE-PEAT BOG CHANGES IN THE "LEON WYCZÓŁKOWSKI "CISY STAROPOLSKIE" NATURE RESERVE IN WIERZCHLAS BASED ON THE ANALYSIS OF PLANT MACROFOSSILS AND FOSSIL CLADOCERANS

Maryna KOMAR, P. BOSÁK

PALYNOLOGICAL CONTENT OF SPELEOTHEMS IN THE BELIANSKA CAVE AS A REFLECTION OF THE PALAEOENVIRONMENT IN ITS VICINITY

Olexandr KOVALCHUK

PALEOECOLOGICAL RECONSTRUCTION OF THE LATE MAEOTIAN LACUSTRINE FISH ASSEMBLAGE NEAR EGOROVKA (SOUTHERN UKRAINE)

Maciej T. KRAJCARZ, M. KRAJCARZ, M. SZYMANEK, M. SUDOŁ

HOLOCENE CAVE SEDIMENTS OF CZĘSTOCHOWA UPLAND – RECORD OF PALEOCLIMATE, PALEOECOLOGY AND HUMAN SETTLEMENT

Monika NISKA, J. MIROŚŁAW-GRABOWSKA

EEMIAN ENVIRONMENTAL CHANGES RECORDED IN PALAEOLAKE IN RZECINO (NW POLAND) – CLADOCERA AND ISOTOPIC DATA

Elwira SIENKIEWICZ, M. GAŚSIOROWSKI

HUMAN INDUCED CHANGES IN THE ECOSYSTEMS OF THREE ALPINE LAKES (THE TATRA MOUNTAINS, POLAND) TRACKING WITH SUBFOSSIL DIATOMS AND CLADOCERA RECORDS.

Mateusz WILK, M. MĘTRAK, A. BANACH, J. PAWŁOWSKA, M. SULWIŃSKI, M. WRZOSEK, M. SUSKA-MALAWSKA

ECOLOGY AND PALAEOECOLOGY OF DESMIDIOSPORA-LIKE FUNGUS FROM POOR FEN IN NORTH-EASTERN POLAND

Agata Z. WOJTAL, N. OGNJANOVA-RUMENOVA

SMALL FRAGILARIALES IN HIGH MOUNTAINS LAKES (TATRA MTS AND RILA MTS)

Marcin ŻARSKI, H. WINTER, K. KENIG, B. MARCINKOWSKI, M. URBANOWSKI

THE RESULTS OF GEOLOGICAL STUDIES IN THE STAJNIA CAVE (CRACOW-CZĘSTOCHOWA UPLAND, POLAND)

Izabela ZAWISKA, M. SŁOWIŃSKI, F. OTT, A.M. NORYSKIEWICZ, K. APOLINARSKA, M.

LUTYŃSKA, D.J. MICHCZYŃSKA, A. BRAUER, S. WULF,

P. SKUBAŁA, M. BŁASZKIEWICZ

RAPID CLIMATE CHANGES DURING LATEGLACIAL AND EARLY HOLOCENE RECORDED IN PALEOLAKE TRZECZOWSKIE SEDIMENTS (NORTHERN POLAND)