

BACK TO THE GRAVETTIAN

62ND CONFERENCE OF THE HUGO OBERMAIER-SOCIETY
APRIL 6TH–8TH 2021, BRNO
ONLINE CONFERENCE



Hugo Obermaier Society

for Quaternary Research and Archaeology of the Stone Age
c/o Institut für Ur- und Frühgeschichte, Kochstr. 4/18, D-91054 Erlangen



62nd Annual Meeting April 6-8, 2021 at the invitation of the Moravské zemské muzeum (Moravian Museum)

Tue, April 6th, 2021

Via Zoom

09:15 Opening of the conference and Welcome by our hosts, the General Director of the Moravian Museum, Dr. Jiří Mitáček, the director of the Historical Museum of the Moravian Museum, Dr. Marek Junek, and the president of the Hugo Obermaier Society, Prof. Thorsten Uthmeier

09:30 – 10:00 Awarding of the Hugo Obermaier Research Grant 2020

Rodrigo Loyola

Searching for the early human occupations of the Late-Pleistocene dispersal into the highland of the southern Andes

10:00 – 17:40 Reports on Mixed Topics (*Lunch break* 12:00-13:00; *Coffee break* 15:20-15:40)

Via GatherTown.

17:45 – 19:30 Poster-Session

19:30 Get-together and option for virtual excursion

Wed, April 7th, 2021

Via Zoom

09:00 – 13:00 Reports on the Early and Late Upper Palaeolithic (*Coffee break* 10:40 – 11:00)

13:00 – 14:00 Lunch break

14:00 – 19:00 Special Session: Back to the Gravettian (*Coffee break* 16:00 – 16:20)

19:15 Public evening lecture by Dr. Martin Oliva:

From the Mesolithic to the Hallstatt Age: a large chert mining in the "Krumlov Forest" Area

Via GatherTown.

20:15 Get-together

Thu, April 8th, 2021

Via Zoom

09:00 – 13:00 Reports on the Middle Palaeolithic, Part I (*Coffee break* 10:40 – 11:00)

13:00 – 14:00 Lunch break

14:00 – 15:00 Reports on the Middle Palaeolithic, Part II

15:00 – 19:20 Site Reports (*Coffee break* 16:20 – 16:40)

19:30 Society's annual general meeting

Via GatherTown

19:30 Get-together, start parallel to the society's annual general meeting

Tuesday, April 6th

09:15 **Opening of the conference**

Opening of the conference and Welcome by our hosts, the General Director of the Moravian Museum, Dr. Jiří Mitáček, the director of the Historical Museum of the Moravian Museum, Dr. Marek Junek, and the president of the Hugo Obermaier Society, Prof. Thorsten Uthmeier

09:30 – 10:00 **Awarding of the Hugo Obermaier Research Grant 2020**

Rodrigo Loyola

Searching for the early human occupations of the Late-Pleistocene dispersal into the highland of the southern Andes

Reports on Mixed Topics

10:00 – 10:20 *Isabell Schmidt, Andreas Maier, Patrick Ludwig, Andreas Zimmermann*
Possible effects of changes in insolation on Upper Palaeolithic populations

10:20 – 10:40 *Andreas Pastoors, Thorsten Uthmeier & Robert Bégouën*
Episodes of Magdalenian Hunter-Gatherers in the Upper Gallery of Tuc d'Audoubert (Ariège, France)

10:40 – 11:00 *Benjamin Schürch, Sibylle Wolf, Patrick Schmidt & Nicholas J. Conard*
Glycymeris in the Aurignacian of Vogelherd and their implications for mobility and identity

11:00 – 11:20 *Gala García-Argudo, Antonio Rodríguez-Hidalgo, Palmira Saladié, Josep Vergès, & Josep Fullola*
Upper Paleolithic personal ornaments from Serinyà Caves (Girona, NE Iberia)

11:20 – 11:40 *Liane Giemsch, Susanne C. Münzel & Ralf W. Schmitz*
Sexual symbol or domestic tool? The use of bear bacula – an assessment of the archaeological and ethnographical record

11:40 – 12:00 *Markus Wild, Birgit Gehlen & Martin Street*
Antler Headdresses. Implications from a many-faceted study of an earliest Mesolithic phenomenon

12:00 – 13:00 **Lunch break (60 Min.)**

13:00 – 13:20 *Florian Linsel*
The Petrification of the Fractal Dimension

13:20 – 13:40 *Florent Rivals, Rivka Rabinovich, Hamudi Khalaily, François Valla & Anne Bridault*
Ungulates paleodiet and seasonality in the Final Natufian assemblage from Eynan/Mallaha (Northern Jordan Valley, Israel)

13:40 – 14:00 *Hannah Parow-Souchon, Mirijam Zickel & Heiko Manner*
Palaeolithic sites and where to find them. A predictive modelling approach to assess site expectancy in the Southern Levant

- 14:00 – 14:20 *Christina-Maria Wiesner*
Settlement patterns of the Middle Palaeolithic in Southern Germany: A GIS-supported predictive model for sites in Bavaria and Baden-Wurttemberg
- 14:20 – 14:40 *Gerd-Christian Weniger, Viviane Bolin, María de Andrés-Herrero, Martin Kehl, Konstantin Klein, Taylor Otto, Miriam Rotgänger, Yaping Shao & Yvonne Tafelmaier*
Settlement patterns and land use in Iberia in the Late Pleistocene. Testing different approaches
- 14:40 – 15:00 *Jonathan Schoenenberg & Florian Sauer*
Over the Hills and Far Away – Modelling Habitat Diversity in Upper Palaeolithic Site Catchments
- 15:00 – 15:20 *Galina N. Poplevko & Ekaterina V. Doronicheva*
Functional variability of lithic tools from layer 2 at Psytuaje Rockshelter, North-central Caucasus, Russia
- 15:20 – 15:40 **Coffee break (20 Min.)**
- 15:40 – 16:00 *Yamandú H. Hilbert, Ignacio Clemente-Conte, Najat al-Fudhaili & Matthias López Correa*
Traceological analysis of backed points from the dry Plateau of Dhofar reveals insights into South Arabian Upper Paleolithic projectile technology
- 16:00 – 16:20 *Katarzyna Pyżewicz, Andrzej Wiśniewski, Kamil Serwatka, Malgorzata Kot, Witold Gruzdź & Katarzyna Kerneder-Gubala*
On the form and function of Jerzmanowician leafpoints
- 16:20 – 16:40 *Flavia Venditti & Ran Barkai*
An overview on the use-wear and residue data from Layer C3 at the late Lower Paleolithic site of Revadim (Israel)
- 16:40 – 17:00 *Christian Waldenheim, Thomas Weber, Klaus-Dieter Meyer, Stefan Wansa & Tobias Lauer*
Lithics from the ice – a new Older Palaeolithic inventory from glacial sediments near Haldensleben, Saxony-Anhalt, Germany
- 17:00 – 17:20 *Tobias Lauer, Mareike C Stahlschmidt, Kirsty Penkman, Thomas Daniel, Susann Heinrich & Clemens Pasda*
The Lower Paleolithic site of Bilzingsleben – new insights into chronology and site formation
- 17:20 – 17:40 *Jordi Serangeli, Flavio Altamura, Ivo Verheijen, Bárbara Rodríguez Álvarez, Mario Tucci, Kim Krahn, Brigitte Urban, Jens Lehmann, Enrico Brühl & Nicholas J. Conard*
Update about the elephants of Schöningen
- 17:45 – 19:30 **Poster Session**
- 19:30 **Get-together and option for virtual excursion**

Wednesday, April 7th

Reports on the Early and Late Upper Palaeolithic

09:00 – 09:20 *Evgeny Rybin & Arina Khatsenovich*
Blade production in the context of Middle and Initial Upper Paleolithic interaction in eastern Central Asia

09:20 – 09:40 *Sarah Pederzani, Kate Britton, Vera Aldeias, Nicolas Bourgon, Helen Fewlass, Tobias Lauer, Shannon P. McPherron, Zeljko Rezek, Nikolay Sirakov, Geoffrey M. Smith, Rosen Spasov, N.-Han Tran, Tsenka Tsanova & Jean-Jacques Hublin*
Cold climatic conditions for Homo sapiens in the Initial Upper Palaeolithic – direct evidence from Bacho Kiro Cave, Bulgaria

09:40 – 10:00 *György Lengyel, Zolt Mester, Kristóf Szegedi & Jarosław Wilczyński*
The archaeology of Istállóskő Cave, Bükk Mountains, Northeast Hungary

10:00 – 10:20 *Jacopo Gennai & Jürgen Richter*
Thinking outside of the taxonomic box

10:20 – 10:40 *Arina Khatsenovich & Evgeny Rybin*
Upper Paleolithic bladelet and microblade production in Mongolia

10:40 – 11:00 **Coffee break (20 Min.)**

11:00 – 11:20 *Liubov V. Golovanova, Ekaterina V. Doronicheva & Vladimir B. Doronichev*
Geometric microliths in the Epipalaeolithic in the North Caucasus

11:20 – 11:40 *Michał Przędziecki, Natalia Gryczewska, Witold Migal & Katarzyna Pyżewicz*
A Magdalenian campsite at Ćmielów in Southern Poland

11:40 – 12:00 *Susanne C. Münzel, Saskia Pfrengle, Chris Baumann, Claus-Joachim Kind & Gerd Albrecht*
The Magdalenian cave site Gnirshöhle (Engen, Hegau, SW-Germany) – the faunal record and the question of an early phase of wolf domestication

12:00 – 12:20 *Gillian L. Wong, Britt M. Starkovich, Dorothée G. Drucker & Nicholas J. Conard*
The Magdalenian in the Lone Valley of southwest Germany, a local reconstruction with new faunal data from Langmahdhalde

12:20 – 12:40 *Sebastian Pfeifer*
The osseous projectile technology of the Central European Late Upper Palaeolithic: Results and questions from a three-year research project

12:40 – 13:00 *Tobias Reuter*
Evaluating technological concepts in lithic production - New perspectives on the Federmesser-Gruppen in Northern Germany

13:00 – 14:00 **Lunch break (60 Min.)**

Special Session: Back to the Gravettian

- 14:00 – 14:20 *Manuel Alcaraz-Castaño, Javier J. Alcolea-González, María de Andrés-Herrero, Samuel Castillo-Jiménez, Gloria Cuenca-Bescós, Felipe Cuartero, Martin Kehl, José A. López-Sáez, Luis Luque, Sebastián Pérez-Díaz, Raquel Piqué, Mónica Ruiz-Alonso, Ignacio Triguero, Gerd-C. Weniger & José Yravedra*
In search of the Gravettian hunters of Central Iberia: the MIS 2 sequence of Peña Capón (Guadalajara, Spain) and its surrounding landscape
- 14:20 – 14:40 *Alejandro Prieto, Iñaki Yusta, David Álvarez-Alonso, Alvaro Arrizabalaga, Aitor Calvo & José Yravedra*
The role of quartzite in a Gravettian hunting post: geoarchaeological characterisation of raw material in the layer CO.B.6 from Coímbre Cave (Asturias, Spain)
- 14:40 – 15:00 *Aitor Calvo, Luís Gomes, Lars Anderson, Damien Flas & Marianne Deschamps*
Back to the Gravettian at Gatzarria cave (France): new insights from the comparative analysis of the lithic assemblages from old and new excavations
- 15:00 – 15:20 *Armando Falcucci & Marco Peresani*
Exploring Gravettian Settlement Dynamics in the Great Adriatic-Po Region
- 15:20 – 15:40 *Marco Peresani, Davide Delpiano, Filippo Zangrossi, Arianna Cocilova & Gloria Cattabriga*
Research at the Early Gravettian site of Piovesello in the Northern Apennines
- 15:40 – 16:00 *Petr Šída, Jaroslav Wilczyński, György Lengyel, Przemysław Mroczek & Sandra Sázelová*
Gravettian settlement in Lubná, Bohemia
- 16:00 – 16:20 **Coffee break (20 Min.)**
- 16:20 – 16:40 *Norbert Buchinger, Michael Brandl, Thomas Einwögerer & Kerstin Pasda*
The lithic industry at Gösing-Setzergraben: New insights on the Early Gravettian in Lower Austria
- 16:40 – 17:00 *Zdeňka Nerudová & Petr Neruda*
Hošťálkovice II – a revival of the Gravettian site near Ostrava (Moravia, Czech Republic)
- 17:00 – 17:20 *Michaela Polanska & Martin Novak*
Middle Gravettian of Moravia, regionalization, chronology and behavioral complexity of Pavlovian groups
- 17:20 – 17:40 *Philip R Nigst, Timothée Libois, Paul Haesaerts, Marjolein D. Bosch, Tansy Branscombe, Vasile Chirica & Pierre Noiret*
The Gravettian sequence of Mitoc-Malu Galben (Romania): New fieldwork between 2013 and 2016
- 17:40 – 18:00 *Liubov V. Golovanova, Vladimir B. Doronichev & Andrey G. Nedomolkin*
Beyond the Gravettian: The Late Upper Palaeolithic industry of the NW Caucasus during early MIS 2, from 30 to 20 ka ago

- 18:00 – 18:20 *Miriam Nývltová Fišáková, Mietje Germonpré & Martina Lázníčková-Galetová*
Seasonality in the fossil large canids from Předmostí.
- 18:20 – 18:40 *Dorothee G. Drucker & Carole Vercoûtère*
Tracking mammoth ecology and origin in southwestern France during the Gravettian: isotopic case study of Grotte du Pape at Brassempouy (Landes, France)
- 18:40 – 19:00 *Hervé Bocherens, Dorothee G. Drucker, Hélène Rougier & Christoph Wißing*
Isotopic insights into human diet during the Gravettian across Europe
- 19:15 **Public evening lecture by Dr. Martin Oliva**
From the Mesolithic to the Hallstatt Age: a large chert mining in the "Krumlov Forest" Area
- 20:15 **Get-together**

Thursday, April 8th

Reports on the Middle Palaeolithic

09:00 – 09:20 *Mario Mata-González, Britt M. Starkovich, Mohsen Zeidi & Nicholas J. Conard*
Animal Exploitation during the Middle Paleolithic at Ghar-e Boof (Southern Zagros Mountains, Iran)

09:20 – 09:40 *Amal Al Kassem*
New insight into core reduction strategies of the Late Middle Palaeolithic of assemblage 6 (Yabroud Shelter I, Syria)

09:40 – 10:00 *Alena Kharevich, Vladimir Kharevich, Sergei Markin, Victor Chabai & Kseniya Kolobova*
The relationship between core and bifacial flaking in Chagyrskaya Cave assemblage (Altai Mountains): Experimental data

10:00 – 10:20 *Ekaterina V. Doronicheva, Liubov V. Golovanova, Vladimir B. Doronichev, Andrey G. Nedomolkin, Yuriy N. Spasovskiy, Tamara F. Tregub, Maksim A. Volkov, Anastasiya S. Korzinova, Vladimir A. Tselmovitch & Galina N. Poplevko*
New data on hominid adaptations in the Middle Paleolithic from Saradj-Chuko Grotto, North-central Caucasus, Russia

10:20 – 10:40 *Kseniya Kolobova, Vladimir Kharevich, Alena Shalagina, Pavel Chistyakov & Andrei Krivoschapkin*
New approaches to the study of Middle Paleolithic bone retouchers

10:40 – 11:00 **Coffee break (20 Min.)**

11:00 – 11:20 *Marko Banda & Ivor Karavanić*
Exploring a novelty in the Middle Palaeolithic of Croatia: the open-air site of Campanož, Istria County

11:20 – 11:40 *Malgorzata Kot, Katarzyna Pyżewicz, Damian Stefański & Paweł Valde-Nowak*
Truncated faceted technology in Ciemna cave, Polish Jura

11:40 – 12:00 *Petr Šída*
The current state of research on the Middle Paleolithic of Bohemia: an attempt at critical revision

12:00 – 12:20 *Nicholas J. Conard, Maïlys Richard & Britt M. Starkovich*
Ongoing excavations at Hohle Fels Cave in the Ach Valley offer new insights into the Middle Paleolithic of the Swabian Jura

12:20 – 12:40 *Elisa Luzi, Sara E. Rhodes & Nicholas J. Conard*
Paleoenvironmental and paleoclimatic context of the Middle Paleolithic occupations of Hohle Fels inferred from the small-mammal assemblages

12:40 – 13:00 *Yvonne Tafelmaier*
Analyses of late Middle Palaeolithic leafpoints from Southern Germany – design, production and function

13:00 – 14:00 **Lunch break (60 Min.)**

- 14:00 – 14:20 *Michael Hein, Marcel Weiss, Mareike Stahlschmidt, Susann Heinrich, Brigitte Urban, Mario Tucci, David Tanner, Thomas Terberger, Johannes Schmidt, Hans von Suchodoletz, Florian Klimscha & Tobias Lauer*
Living on the edge – Neanderthal presence in changing environments from MIS 5e to the MIS 5a/4 boundary at the northern limit of their habitat in Central Europe. Part I: Sedimentology and Dating
- 14:20 – 14:40 *Marcel Weiss, Michael Hein, Mareike Stahlschmidt, Susann Heinrich, Brigitte Urban, Mario Tucci, David Tanner, Thomas Terberger, Johannes Schmidt, Hans von Suchodoletz, Florian Klimscha & Tobias Lauer*
Living on the edge – Neanderthal presence in changing environments from MIS 5e to the MIS 5a/4 boundary at the northern limit of their habitat in Central Europe. Part II: Archaeology
- 14:40 – 15:00 *Marcel Weiss, Davide Delpiano & Thorsten Uthmeier*
From North to South, from the cave to the open: a diachronic 3D geometric-morphometric comparison of late Middle Paleolithic Keilmesser from Lichtenberg and Sesselfelsgrötte

Site Reports

- 15:00 – 15:20 *Svenja Schray & Harald Floss*
New investigations on the Palaeolithic cave site Teux-Blancs (Saône-et-Loire, France)
- 15:20 – 15:40 *Marcel Bradtmöller, Merlin Hattermann, Aitor Calvo, Joao Marreiros, Arantzazu Jindriska Pérez Fernández, Christoph Schmidt, Marcel El-Kassem & Felix Henselowsky*
The Middle- and Upper Paleolithic occupations at Feldberg "Steinacker"
- 15:40 – 16:00 *Guido Bataille & Nicholas J. Conard*
Lithic transformation during the late Aurignacian phase at Hohle Fels Cave – implications for technology, site function and land-use
- 16:00 – 16:20 *Marjolein D. Bosch, Stéphane Pirson, Freddy Damblon, Margarita Jambrina-Enríquez, Carolina Mallol, Walpurga Antl-Weiser & Philip R Nigst*
New fieldwork at the open-air loess site Ollersdorf-Heidenberg, Austria
- 16:20 – 16:40 **Coffee break (20 Min.)**
- 16:40 – 17:00 *Katarína Kapustka, Matthew Walls, Karolína Pauknerová, Lenka Lisá, Lucie Juříčková, Ivo Světlík, Zdeňka Šůvová, Přemysl Bobek & Kristýna Hošková*
Kožený Zámek. Archaeological and Paleoecological Insight from a Late Paleolithic site in Kokořínsko, Central Bohemia
- 17:00 – 17:20 *Ondřej Mlejnek, Ladislav Nejman, Miriam Nývltová Fišáková, Petr Škrdla & Lenka Lisá*
Multidisciplinary research at Švédův stůl Cave in the Moravian Karst

- 17:20 – 17:40 *Rhiannon E. Stevens, Hazel Reade, Alexander Pryor, Kerry Sayle, Jennifer Tripp, Thomas Higham & Jiří Svoboda*
Human occupation of Central Europe during the Last Glacial Maximum: new evidence from the Epigravettian site of Stránská Skála IV
- 17:40 – 18:00 *Bibiana Hromadová, Adrián Nemergut, Laurent Klaric, Martina Moravcová Ábelová & Martin Vlačíky*
Upper Palaeolithic site complex near Moravany nad Váhom (Slovakia): old story, new challenges
- 18:00 – 18:20 *Pavlo Vasyliiev, Andreas Maier, Ivan Khoptynets, Vitalij Tkach & Victor Chabai*
New multilevel site Myrohoshcha I at Volyn (Western Ukraine)
- 18:20 – 18:40 *Florian Sauer & Jonathan Schoenenberg*
Geospatial Analysis of Intrasite Distribution Patterns at the Early Ahmarian site of Al-Ansab 1, Jordan
- 18:40 – 19:00 *Firas Jabbour, Boris Gasparyan & Andrew W. Kandel*
Spotlight on AH IIIId, the main Upper Paleolithic occupation of Aghitu-3 Cave, Armenia
- 19:00 – 19:20 *Michaela Ecker & David Morris*
The early Middle Stone Age excavations at Pniel 6, South Africa
- 19:30 **Get-together**
- 19:30 **Society's annual general assembly (parallel to the get-together)**

Poster Presentation

Mixed topics

Ekaterina N. Bocharova, Pavel V. Chistyakov, Galina D. Pavlenok & Konstantin K. Pavlenok
The Question of Price and Accuracy: A Comparative Study of Several Methods for Producing Images of Lithic Artifacts

Antony Borel, Julie Marteau, Raphaël Deltombe, Philippe Moreau, György Lengyel & Zsolt Mester

WEAR 2.0_Hungary. Qualitative and quantitative analyses of surface alterations of stone tools: digital and physical reference collection for the characterization of manufacture, use and natural/accidental traces on stone raw materials from Hungary

Aitor Calvo1, Unai Perales, Maite García-Rojas, Christian Normand & Alvaro Arrizabalaga
Sewing with stones. Use-wear analysis of Gravettian Noailles-type burins from Isturitz cave (Basque Country, southwestern France)

Miriam Rotgänger & Gerd-Christian Weniger

GIS-based settlement pattern analyses of Late Middle Paleolithic to Magdalenian sites on the Iberian Peninsula

Marcel Schemmel

The El-Wad points of Al-Ansab 1

Early and Late Upper Palaeolithic

Chris Baumann, Saskia Pfrenkle, Susanne C. Münzel, Martyna Molak, Tatiana R. Feuerborn, Abigail Breidenstein, Ella Reiter, Gerd Albrecht, Claus-Joachim Kind, Christian Verjux, Charlotte Leduc, Nicholas J. Conard, Dorothee G. Drucker, Liane Giemsch, Olaf Thalmann, Hervé Bocherens & Verena J. Schuenemann

Feeding the wolves? A 'dietary' case study of large canids in the Magdalenian cave site Gnirshöhle (Hegau Jura, SW-Germany)

Eleonora Gargani, Britt Starkovich & Nicholas J. Conard

Technological analysis of Magdalenian bone needles from the occupation in the Swabian Jura

Saskia Pfrenkle, Chris Baumann, Susanne C. Münzel, Martyna Molak, Tatiana R. Feuerborn, Abigail Breidenstein, Ella Reiter, Gerd Albrecht, Claus-Joachim Kind, Christian Verjux, Charlotte Leduc, Nicholas J. Conard, Dorothee G. Drucker, Liane Giemsch, Olaf Thalmann, Hervé Bocherens & Verena J. Schuenemann

Mitochondrial diversity and early stage of wolf domestication - The case study of Gnirshöhle (Hegau Jura, SW-Germany), a Magdalenian cave site

Middle Palaeolithic

Siah Beattie, Britt M. Starkovich & Nicholas J. Conard

Middle Palaeolithic Avian fauna from Hohle Fels, Germany and Neanderthal lifeways

Holger Dietl, Marcel Weiss & Tobias Lauer

A rare Middle Palaeolithic „Non-Silex“-Industry with Pebble Tools and Microlithic Artefacts from Bad Dürrenberg, Saxony-Anhalt

Phil Glauberman, Boris Gasparyan, Ellery Frahm, Keith Wilkinson, Jenni Sherriff, Dmitri Arakelyan, Samvel Nahapetyan & Daniel Adler

Middle Paleolithic technological organization and land use in Armenia, a preliminary synthesis

Elaine Turner & Petr Neruda

From the hunt to the cave: defining Neanderthal subsistence during the Middle Palaeolithic at Kůlna Cave (Moravia, Czech Republic)

Site Reports

Norbert Buchinger, Thomas Einwögerer, Marc Händel, Veronika Kaudela, Andreas Maier, Christoph Mayr, Kerstin Pasda, Lilian Reiss, Ulrich Simon, Theresa Stauber, Michael Brandl, Sebastian Pfeifer, Christian Stüwe & Bernd Zolitschka

Success, limits and failure of subsistence strategies in eastern Central Europe during the early Gravettian and the Last Glacial Maximum – objectives and first results

M. Gema Chacón, Hassan Aouraghe, María Soto, Juan Ignacio Morales, Carlos Tornero, Hamid Haddoumi, Antonio Rodríguez-Hidalgo, Palmira Saladié, Diego Lombao, Antoni Canals, Alfonso Benito-Calvo, Juan Marín, Isabel Exposito, Ethel Allué, Celia Díez-Canseco, Gala García-Argudo, Mohamed Souhir, Elena Moreno-Ribas, Raül Bartrolí, Mourad Farkouch, Lee Arnold, Martina Demuro, Mathieu Duval, Al Mahdi Aissa, Arturo de Lombera-Hermida, Sonja Tomasso, Aïcha Oujaa, Said Bengamra & Robert Sala-Ramos

Homo sapiens open-air occupations in Eastern Morocco (Jerada Province)

Diana Dudnyk

The new investigations of the Barmaky site in Northwestern Ukraine, 2018-2020 field campaigns

Arantzazu Jindriska Pérez Fernández, Marcel Bradtmöller, Merlin Hattermann, Joao Marreiros, Christoph Schmidt, Marcel El-Kassem & Felix Henselowsky

Insights into multidisciplinary analyses of the Paleolithic open-air site Feldberg "Steinacker"

Gonzalo Linares Matás, Norman Fernández Ruiz, María Haber Uriarte, Mariano López Martínez, Antonio López Jiménez & Michael Walker

Sharing shelter: hyaenas and early humans in the late Early Pleistocene Palaeolithic site of Cueva Negra del Estrecho del Río Quípar (Caravaca de la Cruz, Murcia, Spain)

Yvonne Tafelmaier, Serafin Becerra, Julia Blumenröther, Lidia Cabello Liger, Martin Kehl, José Ramos-Muñoz, Miriam Rotgänger, Eduardo Vijande-Vila & Gerd-Christian Weniger
Sima de las Palomas de Teba (Andalusia/ Spain) – new data on hunter-gatherer land use during the late Pleistocene of Southern Iberia

Michael Walker, Mathieu Duval, Rainer Grün, María Haber Uriarte, Antonio López Jiménez & Mariano López Martínez
New chronological constraints for the Lower Palaeolithic site of Cueva Negra del Estrecho del Río Quípar (Caravaca de la Cruz, Murcia, Spain): preliminary ESR dating of the late Early Pleistocene fauna

Michael Walker, María Haber Uriarte, Mariano López Martínez, Antonio López Jiménez & Jon Ortega Rodríguez
Neanderthal cranial remains and elements of the axial skeleton from the Sima de las Palomas del Cabezo Gordo (Torre Pacheco, Murcia, Spain)

Michael Walker, María Haber Uriarte, Mariano López Martínez, Antonio López Jiménez & Jon Ortega Rodríguez
Neanderthal post-cranial skeletal remains from the Sima de las Palomas del Cabezo Gordo (Torre Pacheco, Murcia, Spain)