

# ABSTRACT BOOK



## WOOD AND CHARCOAL APPROACHES FROM ARCHAEOLOGY, ARCHAEOBOTANY, ETHNOGRAPHY AND HISTORY

INTERNATIONAL MEETING 15TH-16TH APRIL 2016

UNIVERSIDADE DO MINHO, CAMPUS DE GUALTAR, BRAGA (PORTUGAL)

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WOOD AND CHARCOAL. APPROACHES FROM ARCHAEOLOGY,  
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- ABSTRACT BOOK -

María Martín-Seijo  
Ana M. S. Bettencourt  
Braga, 2016

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# GENERAL PROGRAM

## April 15th

08:30 Registration and participant information. Conference Hall at Instituto de Ciências Sociais da Universidade do Minho. Campus de Gualtar, Braga (Portugal)

09:00

### **APERTURE**

Doutor Paulo Cruz: Diretor do Laboratório de Paisagem, Património e Território - Lab2PT

Doutora Helena Carvalho: Vice-Diretora do Departamento de História do ICS

Doutora Inês Amorim: Diretora da Rede Portuguesa de História Ambiental - REPORT(H)A

Dr. Manuel João Abrunhosa: Direção da Associação Portuguesa par o Estudo do Quaternário - APEQ

Doutor José Meireles: Coordenador do grupo LandS do Lab2PT

### **Session 1: Archaeology and Archaeobotany of Wood**

### **CONFERENCES**

09:30-10:00

**Woodworking and forest transformation in the Early Neolithic site of La Draga (5300-4700 cal BC)**

Raquel Piqué Huerta

10:00-10:30

**A warm goodbye. Firewood selection in Roman cremation rituals in Northern Gaul: an anthracological perspective**

Koen Deforce

10:30-11:00

Coffee-break

### **SHORT COMMUNICATIONS**

11:00-11:15

**Hunter-gatherers wood collecting practices: an archaeological case study from the Archaic period in Canada**

Marie-Annick Prevost

11:15-11:30

**Looking at domestic life where wood is no longer there!**

Ana Cruz

11:30-11:45

**The anthracological results from Coro Trasito cave. An approach to high mountain landscapes**

Laura Obea Gómez, Javier Rey Lanaspá, Ermengol Gassiot Ballbé, Ignacio Clemente Conte, Sara Díaz Bonilla, Manuel Quesada Carrasco, David Garcia Casas, David Rodriguez Anton, Niccolò Mazzucco and Ferran Antolín Tutusaus

11:45-12:00

**Use, management and spatial analysis of wood resources in the Iberian oppidum of Puente de Tables (Jaén, Spain)**

María Oliva Rodríguez-Ariza

12:00-12:15

**Arquiteturas e móveis de madeira na II Idade do Ferro em Trás-os-Montes oriental: o sítio da Quinta de Crestelos**

Javier Larrazabal Galarza

12:15-12:30

**Wooden material culture during Bronze and Iron Age in Northwest Iberia: wooden vessels and their skeuomorphs**

Josefa Rey Castiñeira, María Martín-Seijo, Alba Antía Rodríguez Nóvoa and Ana M.S. Bettencourt

12:30-12:45

**Organic geochemistry and archeological woods characterization**

Mohamed Traoré, Joeri Kaal and Antonio Martínez Cortizas

- 12:45-13:00      **Discussion**
- 13:00-15:00      Lunch
- CONFERENCES**
- 15:00-15:30      **Dendroarchaeology and dendroprovenance in the study of shipwrecks**  
Marta Domínguez-Delmás
- 15:30-16:00      **Waterlogged wood from Portuguese submerged and wet archaeological sites: a primer**  
Alexandre Monteiro
- 16:00-16:30      **Woods in archaeonautical maritime and fluvial Portuguese contexts**  
Francisco Alves and Paula Queiroz
- 16:30-17:00      Coffee-break
- SHORT COMMUNICATIONS**
- 17:00-17:15      **A madeira na mineração e metalurgia romanas auríferas em Portugal**  
Carla Maria Braz Martins
- 17:15-17:30      **Pegar de estaca. As fundações de madeira do edifício Sede do Banco de Portugal em Lisboa**  
Artur Rocha
- 17:30-18:00      **Discussion**

**April 16th**

**Session 2: Wood and Ethnography**

- 09:30              Registration and participant information. Conference Hall at Instituto de Ciências Sociais da Universidade do Minho. Campus de Gualtar, Braga (Portugal).
- CONFERENCES**
- 10:00-10:30      **A tree in landscape. Discourses and practices around the utility of the tree**  
Álvaro Campelo
- 10:30-11:00      **Ethnobotany and wood resources: the case study of Montesinho, Trás-os-Montes, Portugal**  
Ana María Carvalho
- Etnobotânica do sumagre (*Rhus coriarii*) no Douro transmontano**
- 11:00-11:30      Lois Ladra
- SHORT-COMMUNICATIONS**
- 11:30-11:45      **A propósito da feitura de carvão vegetal no Crastoeiro (Mondim de Basto, Vila Real): notas etnográficas e documentais**  
António Dinis
- 11:45-12:00      **Discussion**
- 12:00-12:15      Coffe-break
- 12:15-13:00      **POSTERS :: SESSION 1**  
**Random gathering or intentional wood selection? Charcoal analysis of pit 16**

**deposit from Perdigões archaeological site**

Ginevra Coradeschi, Cristina Dias, Fernando Branco, Laura Sadori and Antonio Valera

**New anthracological analysis of fuel wood from Neolithic site of La Draga (Banyoles, Spain)**

Anna Franch and Raquel Piqué

**Vestígios arqueobotânicos dos enchimentos das estruturas em negativo de planta sub-retangular alongada e em forma de “osso” da Pré-história Recente do Interior Alentejano**

Lídia Baptista and Sérgio Gomes

**Woodland and Bronze Age burial practices in the NW of Iberia**

Ana M. S. Bettencourt, Maria Martín-Seijo, Hugo Aluai Sampaio and Francisco Fernandes

**Wattle hurdles and wooden structures during the Iron Age: positives from clay imprints recovered at Castro de S. Vicente da Chã**

María Martín-Seijo, João Fonte and Inés L. López-Dóriga

**Fires in the dark. Burning of grain and human bones in the burial cave of Riocueva (Entrambasaguas, Cantabria) in the 7th-8th centuries**

Enrique Gutiérrez Cuenca, José Ángel Hierro Gárate, Inés L. López-Dóriga and María Martín-Seijo

**“Medium-term” deposition? Not so bad: Archaeobotanical studies of Zaballa medieval village (Basque Country, North of Spain)**

Riccardo Santeramo

**Maya paleoethnobotany: ancient and modern use of ocote (*Pinus* spp.)**

Felipe Trabanino and Aurora Muriente Pastrana

**POSTERS :: SESSION 2**

**O uso da madeira na arquitetura popular nas aldeias de Alijó: São Mamede de Ribatua, Amieiro e Franzilhal**

Pedro Ricardo Coelho de Azevedo

**Uso de madeira em cestaria tradicional: palha e silva (Cinfães), cana rachada (Marco de Canaveses) e piorna (Baião)**

Daniela Ferreira, Filipe Vaz and João Machado

**Registo imaterial da produção de Bengalas de Gestaçô (Baião)**

Daniela Ferreira and Filipe Vaz

13:00-15:00 Lunch

**Session 3: Wood and History**

**CONFERENCES**

15:00-15:30 **Wood and forest during the Middle Ages: interweaving of diverse sources**  
Aline Durand

15:30-16:00 **Timber in medieval construction: types and uses**  
Arnaldo Sousa Melo and Maria do Carmo Ribeiro

**SHORT-COMMUNICATIONS**

16:00-16:15 **Wood and forest inside medieval mentality**  
Lucía Triviño Guerrero

16:15-16:30 **Os recursos de madeira no convento de Vilar de Frades: da construção aos**

**objetos do quotidiano**

António Pereira

16:30-16:45

**Discussion**

16:45-17:15

Coffe-break

17:15-17:45

**POSTERS :: SESSION 3**

**Wooden objects and fruits recovered from the first medieval ditch of Santiago de Compostela (Galicia, Spain)**

Yolanda Porto Tenreiro, Paula Ballesteros Arias, Andrés Teira Brión, Felipe Criado Boado and Dolores Gil Agra

**A estacaria na construção pós-pombalina - Um caso-de-estudo sobre as madeiras**

Helena Patrício, Teresa Quilhó, Alexandra Lauw, António Valongo e Helena Pereira

in Northwest, in the artefacts of everyday life, with ethnographic objectives, and the rituals associated with its ownership of human communities.

**Keywords:** Trees and their uses. Artefacts. Rituals and sacred trees. Signification of different woods. Practices and cosmology of central and peripheral trees.

### **Ethnobotany and wood resources: the case study of Montesinho, Trás-os-Montes, Portugal**

Ana Maria Carvalho

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Ethnobotanical inventories conducted in the Montesinho Natural Park (PNM) have highlighted dynamic systems of folk botanical and traditional ecological knowledge about community-based strategies of natural resources management and use, particularly wood and scrublands resources.

The studied territory corresponds to a protected area of the North-eastern Portuguese region, known as Trás-os-Montes, which is characterized by a diverse mountainous landscape and significant local bio-cultural heritage. Biogeographically in the limit of the Mediterranean and Eurosiberian zones, the PNM have singular geomorphological, climatic and ecological characteristics providing a great diversity of habitats, flora and fauna. Moreover, many vegetation types and plant communities are still similar to the primitive plant cover that dominated the north of the country for thousands years (i.e. deciduous forest domain). Different ethnographic methodologies provided information about the most important and useful woody plants of the PNM and a semi-quantitative approach to document the relative importance (IR index) of each species mentioned.

Overall, about 50 woody species from the woodlands or scrublands were reported having been used for different purposes and applications since a long time (e.g. fuel, handicrafts, agricultural technology and equipment, building, furniture and domestic tools, traditional medicine, local gastronomy, fodder, manure, land management, and other).

Thirty-eight species were considered important combustible materials. Twenty-two plant species were mentioned to be used for basketry, brooms and plaited artefacts. Among the top ten presenting the highest IR index (which combines the highest citation frequency, number of uses and versatility) are oak-trees, chestnut, narrow-leafed ash, elm, black-alder, walnut, wild cherry and a heather species, so-called “torga”.

**Keywords:** Ethnobotany. Traditional Ecological Knowledge (TEK). Plant uses. Trás-os-Montes.

### **Etnobotânica do sumagre (*Rhus coriarii*) no Douro transmontano**

Lois Ladra

Investigador independente

loisladra@gmail.com

O sumagre (*Rhus coriarii*) é uma planta arbustiva típica dos ecossistemas mediterrânicos, tradicionalmente aproveitada para curtir as peles de diversos animais. Na região portuguesa do Douro transmontano esta planta foi sistematicamente recolhida pelas populações rurais locais até à segunda metade do século XX. Após a sua secagem, as folhas do sumagre eram submetidas a um processo de trituração em atafonas locais movimentadas por tracção animal, com o propósito de obter um pó que era objecto de comercialização, sendo destinado às fábricas de curtumes.