

OFER BAR-YOSEF, JOÃO ZILHÃO, eds.

# Towards a definition of the Aurignacian

Proceedings of the Symposium held  
in Lisbon, Portugal, June 25-30, 2002



AMERICAN SCHOOL OF  
PREHISTORIC RESEARCH  
Peabody Museum  
Harvard University

TRABALHOS DE ARQUEOLOGIA; 45

COORDENAÇÃO EDITORIAL  
António Marques de Faria

DESIGN GRÁFICO  
[www.tvmdesigners.pt](http://www.tvmdesigners.pt)

FOTOGRAFIA DA CAPA  
Copyright Universidade de Tübingen, foto Hilde Jensen

PRÉ-IMPRESSÃO E IMPRESSÃO  
Textype, Artes Gráficas, Lda.

TIRAGEM  
500 exemplares

Depósito Legal  
245 720/06

ISSN 0871-2581

ISBN 972-8662-28-9

Instituto Português de Arqueologia  
LISBOA  
2006

O Instituto Português de Arqueologia respeita os originais dos textos que lhe são enviados pelos autores, não sendo, assim, responsável pelas opiniões expressas nos mesmos, bem como por eventuais plágios, cópias, ou quaisquer outros elementos que de alguma forma possam prejudicar terceiros.

## CONTENTS

Preface	7
■ OFER BAR-YOSEF ■ JOÃO ZILHÃO	
Defining the Aurignacian	11
■ OFER BAR-YOSEF	
A dynamic view of Aurignacian technology	21
■ JANUSZ K. KOZŁOWSKI	
Reflections on the role of bone tools in the definition of the Early Aurignacian	37
■ DESPINA LIOLIOS	
Aurignacian, behavior, modern: issues of definition in the emergence of the European Upper Paleolithic	53
■ JOÃO ZILHÃO	
Looking for names and missing the point. The case of the Portuguese “Aurignacian V” in the framework of definitions of the Aurignacian	71
■ FRANCISCO ALMEIDA	
The Middle-to-Upper Paleolithic transition in Portugal: an Aurignacian phase or not?	93
■ THIERRY AUBRY ■ MIGUEL ALMEIDA ■ MARIA JOÃO NEVES	
Archaic Aurignacian lithic technology in Cueva Morín (Cantabria, Spain)	111
■ JOSÉ MANUEL MAÍLLO FERNÁNDEZ	
A brief overview of Aurignacian cultures in the context of the industries of the transition from the Middle to the Upper Paleolithic	133
■ FRANÇOIS BON	

News from the West: a reevaluation of the classical Aurignacian sequence of the Périgord	147
■ JEAN-GUILLAUME BORDES	
Re-evaluation of the principal diagnostic criteria of the Aurignacian: the example from Grotte XVI (Cénac-et-Saint-Julien, Dordogne)	173
■ GÉRALDINE LUCAS	
Ten small sites: the diversity of the Italian Aurignacian	189
■ MARGHERITA MUSSI ■ PATRIZIA GIOIA ■ FABIO NEGRINO	
The Swabian Aurignacian and its place in European Prehistory	211
■ NICHOLAS J. CONARD ■ MICHAEL BOLUS	
The Early Aurignacian in central Europe and its place in a European perspective	241
■ NICOLAS TEYSSANDIER ■ MICHAEL BOLUS ■ NICHOLAS J. CONARD	
The Aurignacian and after: chronology, geography and cultural taxonomy in the Middle Danube region	259
■ JIŘÍ A. SVOBODA	
The first Aurignacian technocomplexes in Europe: a revision of the Bachokirian	277
■ JEAN-PHILIPPE RIGAUD ■ GÉRALDINE LUCAS	
The Aurignacian of the Caucasus	287
■ MARCEL OTTE	
A hard look at the “Levantine Aurignacian”: how real is the taxon?	297
■ NIGEL GORING-MORRIS ■ ANNA BELFER-COHEN	

The Levantine Aurignacian: a closer look	317
■ JOHN K. WILLIAMS	
To be or not to be Aurignacian: the Zagros Upper Paleolithic	355
■ DEBORAH I. OLSZEWSKI ■ HAROLD L. DIBBLE	
List of contributors	375