

Contents

Introduction

Alexandra LEGRAND-PINEAU and Isabelle SIDERA

PART I — *Worked Bone Research Group - ICAZ*

Cultural Signature

Down to the Bone: Tracking Prehistoric Bone Technology in Southern Patagonia

Vivian SCHEINSOHN

The Impact of Insularity on Morphologies and Techniques. The Aceramic Neolithic Bone Tools from Khirokitia (Cyprus)

Alexandra LEGRAND-PINEAU

The Neolithization in Southern Levant: Impact of Animal Herding on the Exploitation of Bone Materials, from Reticence to Adoption of Domestic Herds

Gaëlle LE DOSSEUR

Worked Bone, Tooth and Antler Objects from the Early Neolithic Site of Asparn/Zaya-Schletz (Lower Austria)

Daniela FEHLMANN

Bone Artefacts from the Neolithic and Medieval Site of Karancsság – Alsó-rét (Northern Hungary)

Erika GÁL

Worked Bone Remains from Godin Tepe, Iran - Chalcolithic to Iron Age

Pam CRABTREE and Douglas V. CAMPANA

Bone-Working in Roman Dacia

Lóránt VASS

Socio-economic and Cultural Implications in Medieval Society: the Unpublished Collections of the Region of Douai (France)

Dorothee CHAOUI-DERIEUX

Iroquoian Bone Artifacts: Characteristics and Problems

Christian GATES ST-PIERRE

Bone Working and Productions in the Medieval Castle of Guetrat (Salzburg)

Felix LANG

Tortoiseshell in the 17th and 18th Century Dutch Republic

Marloes RIJKELIJKHUIZEN

Technological Signature

Non-Utilitarian Transformation of Horse Mandibles. Magdalenian Examples from Pekárna (Moravia, Czech Republic) and La Vache (Ariège, France)

Martina LÁZNIČKOVÁ-GALETOVÁ

Palaeolithic Portable Art and its Relation to Ungulate Bones (Metapods)

Éva DAVID

Mesolithic Zoomorphic Perforated Antler Staff Heads from Central Russia and Eastern Urals: Ceremonial Weapons or Shaman's Staves?

Mikhail ZHILIN

Experiments on Manufacturing Techniques of Mesolithic and Early Neolithic Slotted Bone Projectile Points from Eastern Urals

Svetlana SAVCHENKO

Ribs as a Raw Material in Roman Bone Artefacts from Virunum (Southern Austria)

Kordula GOSTENČNIK

Antler Manufacturing in the Eastern Carpathian Regions in the Time of Sântana de Mureş-Černjachov Culture (Late Roman Period)

Sergiu MUSTEAŢĂ and Alexandru POPA

Highland Tunes in the Lowlands: a Medieval Vulture Bone Flute from Northern Germany

Hans Christian KÜCHELMANN

Archaeological Evidence of Pre-Industrial Worked Bone Activity in 18th Century Seville, Spain

Marta MORENO-GARCÍA, Carlos M. PIMENTA, Ana PAJUELO PANDO and Pedro M. LÓPEZ ALDANA

Functional Signature

Reconstructing the “Chaîne Opératoire” of Skin Processing in Pavlovian Bone Artifacts from Dolní Věstonice I, Czech Republic

Michaela RAŠKOVÁ ZELINKOVÁ

Sewing With or Without a Needle in the Upper Palaeolithic?

Penelope AMATO

Technology and Use-wear Analysis of the Non-utilitarian Bones Objects from the Russian Upper Paleolithic Site of Byki-7(I)

Natalia AKHMETGALEEVA

Testing Functional Hypothesis of Late Holocene Bone Bipoints from the Lower Parana Wetlands (Argentina)

Natacha BUC

Early Neolithic and Chalcolithic Crude Adzes. A Technological and Use-wear Focus on an Unknown Artefact Type from Near-East to Western Europe

Isabelle SIDÉRA

The Complete and Usable Tool: Some Life Histories of Prehistoric Bone Tools in Hungary

Alice M. CHOYKE and Márta DARÓCZI-SZABÓ

Hafted Points and their Functional Interpretation on the Basis of their Horizontal Distribution at the Neolithic Site of Arbon Bleiche 3 (3384 – 3370 BC), Switzerland

Jörg SCHIBLER, Elisabeth MARTI-GRÄDEL, Sabine DESCHLER-ERB and Thomas DOPPLER

Tracing the Function of the Antler “Points” from the Late Bronze Age Fortified Settlement of Asva in Estonia

Heidi LUIK

Use-wear or Butchery Marks: a Borderline Case. Bone Objects from Roman Carnuntum, Lower Austria

Günther Karl KUNST

Pierced Metapodials from al-Ándalus: Some Observations Towards their Understanding

Marta MORENO-GARCÍA and Carlos M. PIMENTA

PART II — Bone Raw Material Exploitation in South America - ICAZ

Late Pleistocene Technology in the New World: Bone Artifacts from Cueva del Medio and Other Sites in the Southern Cone of South America

Hugo G. NAMI

Functional Analysis of Prehistoric Bone Instruments from the Uruguayan Atlantic Coast

Federica MORENO RUDOLPH and Ignacio CLEMENTE CONTE

The Good, the Bad and the Ugly: Prehispanic Harpoon Heads from Beagle Channel, Isla Grande de Tierra del Fuego (Patagonia, Argentina)

Vivian SCHEINSOHN

Linking Evidences: from Carcass Processing to Bone Technology. The Case of the Lower Paraná Wetlands (Late Holocene, Argentina)

Alejandro ACOSTA, Natacha BUC and Leonardo MUCCILOLO

Bone Technology and Archaeological Interpretation in Prehispanic Colombia

Elizabeth RAMOS-ROCA