Book review – Comparative Dental Morphology

Frontiers of Oral Biology Title: Editor: P. Sharpe Vol. 13 Comparative Dental Morphology **Editors:** Comparative Thomas Koppe, Georg Meyer and Kurt W. Alt **Dental Morphology Co-Editors:** A. Brook, M.C. Dean, I. Kjaer, J.R. Lukacs, B.H. Smith, Editors T. Koppe M.F. Teaford G.Meyer K.W.Alt **Book Series:** Co-Editors Frontiers of Oral Biology, Vol. 13 A. Brook M.C. Dean I. Kjær J.R. Lukacs Edition: B.H. Smith M.F. Teaford 1st **Publisher:** Karger Date of publishing: KARGER 2009 Format: Hardback Size: 258x193mm Number of Pages: 202 Number of Illustrations: 61 List Price: CHF 195.00 /EUR 163.00 (IAPO Members: 20% discount: CHF 156.00 / EUR 130.00) **ISBN-13:** 978-3-8055-9229-1

Teeth and their surrounding structures are exceptional sources for addressing significant questions in numerous disciplines. In this publication, an international, multidisciplinary team of researchers addresses important issues on current aspects of dental morphology research from evolutionary, anatomical, clinical and archaeological perspectives. In combining leading-edge methods of data acquisition and analyses, such as molecular analyses and highly advanced non-destructive imaging technologies, the book demonstrates how information about various aspects of dental morphology can be used to explore the evolution of vertebrate life histories, a subject most relevant to our own species. The chapters provide profound discussions on dental evolution, dental morphology, dental tissues,

dental growth and development, as well as on clinical aspects of dental morphology. As a special feature, the publication provides new information about the role of teeth as tools in reconstructing the nature and behaviour of past populations.

This book will serve as an important reference for researchers of dental sciences, anatomy, evolutionary biology, paleoanthropology, paleontology, archaeology, prehistoric anthropology, comparative anatomy, genetics, embryology, and forensic medicine.

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