

Contents

Preface	vii
<i>Umberto Albarella, Keith Dobney and Peter Rowley-Conwy</i>	
Acknowledgments	ix
Introduction	
1. Vertebrate Demography by Numbers: Age, Sex, and Zooarchaeological Practice	1
<i>T. P. O'Connor</i>	
Part I. New Approaches to Ageing and Sexing	
2. Using Osteohistology for Ageing and Sexing	9
<i>K. Dammers</i>	
3. A Method to Estimate the Ages at Death of Red Deer (<i>Cervus elaphus</i>) and Roe Deer (<i>Capreolus capreolus</i>) from Developing Mandibular Dentition and its Application to Mesolithic NW Europe	40
<i>Richard J. Carter</i>	
4. The Table Test: a Simple Technique for Sexing Canid Humeri	62
<i>Deborah Ruscillo</i>	
5. Sexing Fragmentary Ungulate Acetabulae	68
<i>Haskel J. Greenfield</i>	
Part II. Testing Existing Methods of Ageing	
6. Reconciling Rates of Long Bone Fusion and Tooth Eruption and Wear in Sheep (<i>Ovis</i>) and Goat (<i>Capra</i>)	87
<i>M. A. Zeder</i>	
7. Accuracy of Age Determinations from Tooth Crown Heights: a Test Using an Expanded Sample of Known Age Red Deer (<i>Cervus Elaphus</i>)	119
<i>T. E. Steele</i>	
8. Methodological Problems and Biases in Age Determinations: a View from the Magdalenian	129
<i>J. G. Enloe and E. Turner</i>	
9. A Bayesian Approach to Ageing Sheep/Goats from Toothwear	145
<i>A. R. Millard</i>	
Part III. Studies in Ageing by Dental Eruption and Attrition	
10. Tooth Eruption and Wear Observed in Live Sheep from Butser Hill, the Cotswold Farm Park and Five Farms in the Pentland Hills, UK	155
<i>G. G. Jones</i>	
11. Determining the Age of Death of Proboscids and Rhinocerotids from Dental Attrition	179
<i>S. Louguet</i>	
12. Tooth Wear in Wild Boar (<i>Sus Scrofa</i>)	189
<i>O. Magnell</i>	

Part IV. Applications of Osteometrics and Epiphyseal Fusion

13. Phenotype and Age in Protohistoric Horses: a Comparison Between Avar and Early Hungarian Crania 204
L. Bartosiewicz
14. Documenting the Channel Catfish Population Exploited by the Prehistoric Inhabitants of the Station-3-avant Site at Pointe-du-Buisson, Southern Québec (Canada) 216
M.-E. Brodeur
15. Epiphyseal Fusion in the Postcranial Skeleton as an Indicator of Age at Death of European Fallow Deer (*Dama dama dama*, Linnaeus, 1758) 227
R. F. Carden and T. J. Hayden
16. Size Variability in Roman Period Horses from Hungary 237
K. Lyublyanovics

Part V. Studies in Sexual Dimorphism

17. Environment, Body Size and Sexual Dimorphism in Late Glacial Reindeer 247
J. Weinstock
18. Sexual Dimorphism in the Postcranial Skeleton of European Fossil Elephants 254
L. Sedláčková