The science of Roman history: biology, climate and the future of the past
Edited by Walter Scheidel
Princeton University Press

Walter Scheidel (Stanford): Introduction: Consilient history
Michael McCormick (Harvard) and Kyle Harper (Oklahoma): Climate
Marijke van der Veen (Leicester): Archaeobotany
Michael MacKinnon (Winnipeg): Animal bones
Luca Bondioli (Museo Pigorini, Rome), Oliver Craig (York), Peter Garnsey (Cambridge), Tracy Prowse (McMaster) and Alessandra Sperduti (Museo Pigorini, Rome): Human bones and teeth
Rebecca Gowland and Lauren Walther (Durham): Human stature
Noreen Tuross and Michael Campana (Harvard): Ancient DNA
Roy King and Peter Underhill (Stanford): Modern DNA

This book explains, for the first time ever, how advances in the sciences are transforming our understanding of ancient history. The contributors are historians, anthropologists and geneticists working at the cutting edge of their respective fields. Focusing on the Roman world but where appropriate including information from other times and places, they explore novel types of evidence that allows us to reconstruct the realities of life in the distant past. Emphasis is on the properties of the body and the environment.