

HUMAN TOOTH CROWN AND ROOT MORPHOLOGY

This guide to scoring crown and root traits in human dentitions substantially builds on a seminal 1991 work by Turner, Nichol, and Scott. It provides detailed descriptions and multiple illustrations of each crown and root trait to help guide researchers to make consistent observations on trait expression, greatly reducing observer error.

The book also reflects exciting new developments driven by technology that have significant ramifications for dental anthropology, particularly the recent development of a web-based application that computes the probability that an individual belongs to a particular genogeographic grouping based on combinations of crown and root traits; as such, the utility of these variables is expanded to forensic anthropology.

It is ideal for researchers and graduate students in the fields of dental, physical, and forensic anthropology and will serve as a methodological guide for many years to come.

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Front cover photograph: Specimen 87.12.1.105 – a male Aka pygmy from Monbuttu, Democratic Republic of the Congo, 1887.

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