

Human Tooth Crown and Root Morphology

The Arizona State University Dental Anthropology System

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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Both Richard Scott and Joel Irish are past presidents of the Dental Anthropology Association.

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Dental Anthropology System

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This guidebook is dedicated to the memory of
Christy G. Turner II, the primary architect
of the ASUDAS and our mentor

Contents

Acknowledgments	<i>page xi</i>
Part I Introduction	1
Why a Guidebook?	2
Terminology	3
Teeth and Fields	3
Orientation	4
Lobes and Cusps	5
Part II Crown and Root Trait Descriptions	11
1 Winging	13
2 Labial Convexity	19
3 Palatine Torus	23
4 Shoveling	31
5 Double-Shoveling	37
6 Interruption Grooves	41
7 Tuberculum Dentale	47
8 Bushman Canine	55
9 Canine Distal Accessory Ridge	61
10 Premolar Accessory Ridges	67
11 Upper Premolar Mesial and Distal Accessory Cusps	73
12 Uto-Aztec Premolar	77
13 Metacone	83
14 Hypocone	89
15 Bifurcated Hypocone	95
16 Cusp 5	99
17 Marginal Ridge Tubercles	105
18 Carabelli's Cusp	109
19 Parastyle	117
20 Enamel Extensions	123
21 Upper Premolar Root Number	129

22	Upper Molar Root Number	133
23	Upper Lateral Incisor Variants	137
24	Pegged/Reduced/Missing Third Molars	145
25	Premolar Odontomes	149
26	Midline Diastema	155
27	Lower Premolar Cusp Number	161
28	Anterior Fovea	167
29	Mandibular Torus	173
30	Lower Molar Groove Pattern	179
31	Rocker Jaw	185
32	Lower Molar Cusp Number	189
33	Deflecting Wrinkle	195
34	Distal Trigonid and Mid-Trigonid Crests	201
35	Protostylid	207
36	Cusp 6	213
37	Cusp 7	219
38	Lower First Premolar Root Number	225
39	Lower Canine Root Number	229
40	Three-Rooted Lower Molar	233
41	Lower Molar Root Number	239
42	Torsomolar Angle	243
Part III Conclusions 249		
Specific Concerns		249
Sex Dimorphism		249
Inter-Trait Association		250
Trait List		251
Counting Method		253
Breakpoints		254
Quantitative Analyses		255
The Impact of Wear on Scoring Traits		256
Real Teeth versus Casts, Including Intra-Oral Observations		257
Teeth in Skeletons: Pros and Cons		258
Teeth in Casts: Pros and Cons		258
Final Cautionary Notes		259
The Two “Faces” of Crown Morphology		259
Observer Error		259
Appendix: Comparative Data 265		
Key to Tables		266
Sample Provenance		267

Samples by Geographic Area	272
Africa	272
Egypt	272
Nubia	273
West Africa	274
Asia	275
Ainu	275
An-Yang	276
Japan	277
Jomon	278
Sopka 2	279
South China	280
Urga	281
Australia	282
Lower Murray	282
North Australia	283
Queensland	284
South Australia	285
Swanport	286
Circumpolar	287
Aleuts (Eastern)	287
Aleuts (Western)	288
Greenland	289
Kodiak Island	290
Southampton Island	291
St. Lawrence Island	292
Europe	293
Basques (Spain)	293
Dorestad de Heul, Netherlands	294
Estonia	295
Lapps	296
Poundbury, England	297
Russians	298
Melanesia	299
Fiji	299
Loyalty Islands	300
New Britain	301
New Hebrides	302
Mesoamerica	303
Cuicuilco	303
Guasave	304
Tlatelolco	305

Micronesia	306	
Guam	306	
New Guinea	307	
New Guinea	307	
New Guinea Gulf	308	
Torres 1 and 2	309	
North America (Native Populations)		310
Alabama	310	
Grasshopper	311	
Greater Northwest Coast	312	
Iroquois	313	
Maryland	314	
Northern California	315	
Point of Pines	316	
Polynesia	317	
Marquesas	317	
Mokapu	318	
New Zealand	319	
South America (Native Populations)		320
Ayalan	320	
Corondo	321	
Herradura and Teatinos	322	
Peru 1 and 2	323	
Preceramic Peru	324	
Sambaqui South	325	
Santa Elena	326	
Southeast Asia	327	
Borneo	327	
Calatagan	328	
Malay	329	
Philippines	330	
Taiwan	331	

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