

"This is a classic text that is well written, beautifully illustrated and extensively referenced, and it will undoubtedly become a compass for younger researchers responsible for the next generation of dental anthropological research."

Professor Shintaro Kondo, School of Dentistry at Matsudo, Nihon University, Japan

"Twenty years was well worth the wait. [...] Its completeness provides the novice dental anthropologist with all that is needed to begin, and the expert a much needed survey and summary of the last six decades of work."

Professor Christopher Stojanowski, Arizona State University, USA

All humans share certain components of tooth structure, but show variation in size and morphology around this shared pattern. This book presents a worldwide synthesis of the global variation in tooth morphology in recent populations. Research has advanced on many fronts since the publication of the first edition, which has become a seminal work on the subject. This revised and updated edition introduces new ideas in dental genetics and ontogeny and summarizes major historical problems addressed by dental morphology. The detailed descriptions of 29 dental variables are fully updated with current data and include details of a new web-based application for using crown and root morphology to evaluate ancestry in forensic cases. A new chapter describes what constitutes a modern human dentition in the context of the hominin fossil record.

G. Richard Scott is Foundation Professor of Anthropology at the University of Nevada, Reno. He has written two books and edited two books on dental morphology and anthropology.

At his passing in 2013, **Christy G. Turner II** was Regents Professor Emeritus in the School of Human Evolution and Social Change at Arizona State University. He wrote books on dental morphology, cannibalism and violence in the prehistoric Southwest, and cave taphonomy in Siberia.

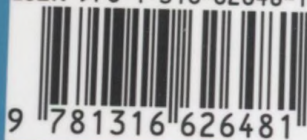
Grant C. Townsend is Emeritus Professor at Adelaide Dental School. He has received the Distinguished Scientist Award in Craniofacial Biology from the International Association for Dental Research, and has published books in the field of human growth and development.

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Cover photograph: Alaskan Inuit mandible, courtesy of G.R. Scott

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