BERNARD ANTHONY WOOD

PUBLICATIONS

THESIS
1975 'Analysis of sexual dimorphism in primates,' (pp. 1-296).
Submitted to satisfy the requirements for the award of the degree of Doctor of Philosophy in The University of London.

BOOKS
1. 1976 'The Evolution of Early Man.'
Intended as an introduction to Human Evolution.

2. 1978 'Human Evolution.'
One of the monograph series: ‘Outline Studies in Biology.’

3. 1984 'Food Acquisition and Processing in Primates.'

4. 1986 'Major Topics in Primate and Human Evolution.'

This monograph reassesses the cranial evidence for early hominid evolution and proposes a revised taxonomy for early hominins.

6. 2002 'Encyclopedia of Life Sciences.'


8. 2006 'Anthropology.'


ISBN: 978-3-319-54105-1


In preparation One of three editors of a volume based on an invited AAPA symposium ‘Paranthropus: a forgotten lineage.’ Springer

One of two editors of a volume about the history of research on primate morphology.

Senior editor of an initiative to update the ‘Encyclopedia of Human Evolution’ and to move it to an open-access on-line publication.

17. 1977  ‘Allometry and sexual dimorphism in the primate innominate bone.’

18. 1978  ‘Allometry and hominin studies.’


20.  ‘Classification and phylogeny of East African hominids.’

21.  ‘Relative growth in primates.’

22. 1979  ‘Relationship between body size and long bone lengths in Pan and Gorilla.’

23.  ‘An analysis of tooth and body size relationships in five primate taxa.’

24.  ‘The ‘Neanderthals’ of the College of Surgeons.’

25.  ‘Models for assessing relative canine size in fossil hominids.’

26. 1980  ‘Does allometry explain the differences between ‘gracile’ and ‘robust’ australopithecines?’

27.  ‘Venous drainage of the hind limb in the monkey (Macaca fascicularis).’


29.  ‘Metrical analysis of the basicranium of extant hominoids and Australopithecus.’

30.  ‘Tooth size and shape and their relevance to studies of hominid evolution.’
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<td>Hills, M. and Wood, B.A.</td>
<td>‘Regression lines, size and allometry.’</td>
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44. 1985  ‘Sexual dimorphism in the hominid fossil record.’

45. ‘Early Homo in Kenya, and its systematic relationships.’

46. ‘Anatomy of the anal sphincters and pelvic floor.’

47. ‘A reappraisal of variation in hominid mandibular corpus dimensions.’

48. ‘A review of the definition, distribution and relationships of Australopithecus africanaus.’

49. ‘Un nouvel hominide a Baringo, Kenya.’

50. 1986  ‘Australopithecus: grade or clade?’

51. ‘The nature, origin and fate of Homo erectus.’

52. ‘Preliminary observations on the BK 8518 mandible from Baringo, Kenya.’

53. ‘Evidence for dietary specialization in the ‘robust’ australopithecines.’

54. ‘Variations in enamel thickness and structure in East African hominids.’

55. ‘Were the "robust" australopithecines dietary specialists?’

56. ‘The primate pelvis: allometry or sexual dimorphism?’

57. ‘Patterns of allometry in modern human femora.’
58. 1986  ‘Patterns of basicranial anatomy in hominid evolution: an exercise in systematic 
and phylogenetic analysis.’
Wood, B.A. and Dean, M.C.* In: Definition et origines de L’Homme. Ed. M. 
Sakka, pp. 239-246. CNRS, Paris.

59.  ‘Phylogenetic analysis of early hominids [and comments and reply].’

60. 1987  ‘Pattern and rates of enamel growth in the molar teeth of early hominids.’

61.  ‘Analysis of the dental morphology of Plio-Pleistocene hominids III. Mandibular 
premolar crowns.’

62.  ‘Early hominin phylogeny.’

63.  ‘The nature and affinities of the ‘robust’ australopithecines: a review.’

64. 1988  ‘Analysis of the dental morphology of Plio-Pleistocene hominids IV. Mandibular 
postcanine root morphology.’

65.  ‘Cranial morphometry of early hominids: facial region.’

66.  ‘Analysis of the dental morphology of Plio-Pleistocene hominids V. Maxillary 
postcanine tooth morphology.’

67.  ‘A probabilistic approach to the problem of sexual dimorphism in Homo habilis: 
a comparison of KNM-ER 1470 and KNM-ER 1813.’

68.  ‘Are ‘robust’ australopithecines a monophyletic group?’
Wood, B.A. In: Evolutionary History of the "Robust" Australopithecines, Ed. F.E. 

69. 1989  ‘Comparative anatomy of the forelimb veins of primates.’

70.  ‘Valves in superficial limb veins of human and non-human primates.’

71.  ‘Hominid relationships: A cladistic perspective.’

72.  ‘Relatives, ancestors, molecules and sex.’

73.  ‘Hominid diversity in the Plio-Pleistocene.’
74. 1990 ‘Position and orientation of the foramen magnum in higher primates.’

75. 1991 ‘Intraspecific variation and sexual dimorphism in cranial and dental variables among higher primates, and their bearing on the hominin fossil record.’

76. ‘Variation in the Lufeng dental remains.’

77. ‘Character phylogeny of the primate forelimb superficial venous system.’

78. ‘A palaeontological model for determining the limits of early hominin taxonomic variability.’


80. ‘Anatomy of the anal sphincters and pelvic floor.’

81. ‘Early hominid species and speciation.’

82. 1993 ‘Early Homo: how many species?’

83. ‘Taxonomic and geographic diversity in robust australopithecines and other African Plio-Pleistocene larger mammals.’

84. ‘Comparative palaeontological context for the evolution of the early hominin masticatory system.’

85. ‘Patterns of hominid evolution in Africa.’

86. 1994 ‘Hominid paleobiology: recent achievements and challenges.’

87. ‘Taxonomy and evolutionary relationships of Homo erectus.’
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| 88. | 1994 | ‘Early hominid labyrinthine morphology and its possible implications for the origin of human bipedal locomotion.’  
| 89. | 1994 | ‘Further analysis of mandibular molar crown and cusp areas in Pliocene and early Pleistocene hominids.’  
| 90. | 1994 | ‘Paranthropus boisei - an example of evolutionary stasis?’  
| 91. | 1994 | ‘Cranial variables as predictors of hominine body mass.’  
| 92. | 1995 | ‘The role of time and timing in hominin dental evolution.’  
| 93. | 1995 | ‘Influence of global climate change and regional uplift on large mammal evolution in East and southern Africa.’  
| 94. | 1995 | ‘Evolution of the early hominin masticatory system: mechanisms, events and triggers.’  
| 95. | 1995 | ‘Evolution of modern human dental ontogeny revisited.’  
| 96. | 1996 | ‘Hominid palaeobiology: have studies of comparative development come of age?’  
| 98. | 1996 | ‘Evidence of a link between human semicircular canal size and bipedal behaviour.’  
| 99. | 1996 | ‘Biological and body size in human evolution: statistical inference misapplied [and comments and reply].’  
| 100. | 1996 | ‘Homo habilis: variability and its significance.’  
| 101. | 1996 | ‘Assessing the pelvis of AL 288-1.’  
102. 1996  ‘Human evolution.’

103.  ‘Origin and evolution of the genus Homo.’

104. 1997  ‘Grades and the evolutionary history of early African hominids.’


106.  ‘Laser scanning and palaeoanthropology: an example from Olduvai Gorge, Tanzania.’

107.  ‘A technique for establishing the identity of ‘isolated’ fossil hominin limb bones.’

108.  ‘Evolution of the gibbon subgenera inferred from cytochrome b DNA sequence data.’

109. 1999  ‘Is Homo defined by culture?’

110.  ‘Homo rudolfensis Alexeev, 1986 - fact or phantom?’

111. 1999  ‘Plio-Pleistocene hominins from the Baringo Region, Kenya.’

112.  ‘The human genus.’

113.  ‘Grades among the African early Hominids: functions, adaptations and grades.’

114.  ‘Morphological and taxonomic affinities of the Olduvai ulna (OH 36).’

115.  ‘Early hominin biogeography.’

116.  ‘The changing face of genus Homo.’
117. 2000  ‘Assessing exact randomization methods for determining the taxonomic significance of variability in the hominin fossil record.’

118.  ‘How reliable are human phylogenetic hypotheses?’

119.  ‘Investigating human evolutionary history.’

120.  ‘Human evolution: taxonomy and paleobiology.’

121.  ‘Soft-tissue characters in higher primate phylogenetics.’

122.  The history of the genus Homo.’

123.  2000  ‘Systematics of Humankind.’

124.  ‘Old and new paradigms in the study of human evolution.’
Wood, B.A. Rivista de Antropologia, 78: 17-34.

125.  2001  ‘Evolving interpretations of Homo.’

126.  ‘How reliable are current estimates of fossil catarrhine phylogeny? An assessment using extant great apes and Old World monkeys.’

127.  ‘Testing the taxonomic integrity of Paranthropus boisei sensu stricto.’

128.  ‘Comparative context of Plio-Pleistocene hominin brain evolution.’

129.  ‘Craniodental variation in Paranthropus boisei: a developmental and functional perspective.’

130.  Homoplasy and the early hominid masticatory system: inferences from analyses of extant hominoids and papionins.’
131. 2001  ‘The meaning of Homo.’

132. 2002  ‘Soft tissue anatomy of the extant hominoids: a review and phylogenetic analysis.’

133. 2002  ‘Older than the Oldowan? Rethinking the emergence of hominin tool use.’

134. 2005  ‘Stature-at-death of KNM-WT 15000.’

135. 2004  ‘Patterns of resource use in early Homo and Paranthropus.’

136. 2005  ‘A tale of two taxa.’

137. 2006  ‘The evolution of modern human life history – a paleontological perspective.’


146.  ‘Hominin homoiology: An assessment of the impact of phenotypic plasticity on phylogenetic analyses of humans and their fossil relatives.’  

147. 2007  ‘The hominin fossil record and the emergence of the modern human central nervous system.’  

148.  ‘Masticatory biomechanics and its relevance to early hominin phylogeny: An examination of palatal thickness using finite element analysis.’  

149.  ‘Defining the genus Homo.’  

150.  ‘The evolution of Zinjanthropus boisei.’  

151.  ‘Trends in postcanine occlusal morphology within the hominin clade: the case of Paranthropus.’  

152.  ‘Dental development.’  

153.  ‘Paranthropus boisei: fifty years of fossil evidence and analysis.’  

154.  ‘Sir Wilfrid Le Gros Clark: the making of a paleoanthropologist.’  

155. 2008  ‘Dental trait expression at the enamel-dentine junction of lower molars in extant and fossil hominoids.’  

156.  ‘The hominin fossil record: taxa, grades and clades.’  

157.  ‘Hominin life history: reconstruction and evolution.’  
158. 2008  ‘Cranial base evolution within the hominin clade.’  

159.  ‘Inferences regarding the diet of extinct hominins: structural and functional trends in dental and mandibular morphology within the hominin clade.’  

160. ‘Dental enamel as a dietary indicator in mammals.’  


162. ‘Discrimination of extant Pan species and subspecies using the enamel-dentine junction morphology of lower molars.’  

163. ‘From fish to modern humans – comparative anatomy, homologies and evolution of the head and neck musculature.’  

164. ‘Evolution of M1 crown size and cusp proportions in the genus Homo.’  

165. ‘From fish to modern humans – comparative anatomy, homologies and evolution of the pectoral and forelimb musculature.’  

166. ‘Discrimination of extant Pan species and subspecies using the enamel-dentine junction morphology of lower molars.’  

167. ‘Where does the genus Homo begin, and how would we know?’  
172. 2009 ‘On the origin, homologies and evolution of primate facial muscles, with a particular focus on hominoids and a suggested unifying nomenclature for the facial muscles of the Mammalia.’

173. 2010 ‘How many landmarks? Assessing the classification accuracy of Pan lower molars using a geometric morphometric analysis of the occlusal basin as seen at the enamel-dentine junction.’

174. ‘Hominini.’

175. ‘Systematics, taxonomy, and phylogenetics: ordering life, past and present.’

176. ‘Reconstructing human evolution: achievements, challenges and opportunities.’

177. 2011 ‘The evolutionary context of the first hominins.’

178. ‘Soft-tissue anatomy of the primates: phylogenetic analyses based on the muscles of the head, neck, pectoral region and upper limb, with notes on the evolution of these muscles.’

179. ‘Expression of myosin heavy chain isoforms in the supraspinatus muscle of different primate species: implications for the study of the adaptation of primate shoulder muscles to different locomotor modes.’

180. ‘Evolution in the genus Homo.’

181. ‘The Omo-Turkana Basin fossil hominins and their contribution to our understanding of human evolution in Africa.’

182. ‘The fossil record: evidence for the production of speech in early hominins.’

183. 2012 ‘Microwear, mechanics and the feeding adaptations of Australopithecus africanus.’


‘Reply to Fontes-Villalba et al.: ‘On a reluctance to conjecture about animal food consumption.’

‘Viewpoints: diet and dietary adaptations in early hominins: the hard food perspective.’

‘Variation in mandibular postcanine dental morphology and hominin species representation in Member 4, Sterkfontein, South Africa.’

‘Evaluating the use of pairwise dissimilarity metrics in paleoanthropology.’

‘Great ape skeletal collections: Making the most of scarce and irreplaceable resources in the digital age.’

‘First early hominin from central Africa (Ishango, Democratic Republic of Congo).’

‘Regional diversity patterns in African bovids, hyaenids, and felids during the past 3 million years: the role of taphonomic bias and implications for the evolution of Paranthropus.’

‘Unreasonable expectations.’

‘Modeling the dental development of fossil hominins through the inhibitory cascade.’

‘Defining the genus Homo.’
Collard, M. and Wood, B.A.

‘Human evolution.’
Wood, B.A.
206. 2015  ‘Macroevolution in and around the hominin clade.’

207.  ‘Apes in the Anthropocene: flexibility and survival.’

208.  ‘The role of character displacement in the molarization of hominin mandibular premolars.’

209.  ‘Humanity’s origins.’

210.  ‘Humanity’s origins.’

211.  ‘Testicular receptor 2, Nr2c1, is associated with stem cells in the developing olfactory epithelium and other cranial sensory and skeletal structures.’

212.  2016  ‘Hominin taxic diversity: fact or fantasy?’

213.  ‘Origin, development and evolution of primate muscles in the context of anatomical variations and anomalies in modern humans.’

214.  ‘Functional divergence of NR2C1 (TR2) as a modulator of pluripotentiality during hominid evolution.’

215.  ‘L’evoluzione umana: un cespuglio sempre più intricato.’

216.  ‘Hominins: context, origins, and taxic diversity.’

217.  2017  ‘Human evolutionary history.’

218.  ‘Brain enlargement and dental reduction were not linked in hominin evolution.’
219. 2017 ‘The principles and practice of human evolution research: are we asking questions that can be answered?’

220. ‘Paranthropus: where do things stand?’

221. ‘Bonobo anatomy reveals stasis and mosaicism in chimpanzee evolution, and supports bonobos as the most appropriate extant model to the common ancestor of chimpanzees and humans.’
Diogo, R., Molnar, J.L. and Wood, B.A. Scientific Reports 7: 608.

222. ‘Sagittal crest formation in great apes and gibbons.’

223. ‘Ecosystem evolution and hominin paleobiology at East Turkana, northern Kenya between 2.0 and 1.4 Ma.’

224. ‘Landscape scale heterogeneity in the East Turkana ecosystem during the Okote Member (1.56–1.38 Ma).’

225. ‘Human origins.’

226. ‘Shape analysis of the basioccipital bone in Pax7-deficient mice.’

227. 2018 ‘Pattern and process in hominin brain size evolution are scale-dependent.’

228. 2019 ‘Evolution of the modern human brain.’

229. ‘The evolutionary history of the human face.’

230. ‘Comparative isotopic evidence from East Turkana suggests a dietary shift within the genus Homo.’

231. ‘Human evolution.’ (revised and updated)
232. 2020 ‘Statistical estimates of hominin origination and extinction dates: a case study examining the Australopithecus anamensis-afarensis lineage.’

233. ‘Birth of primate comparative anatomy.’
Wood, B.A.

234. ‘Brain size evolution in the hominin clade.’
Du, A. and Wood, B.A.

235. ‘Evolutionary diversity and adaptation in early Homo.’

236. ‘Mandibular corpus shape is a taxonomic indicator in extant hominids.’

237. ‘Hominin taxic diversity.’

238. ‘Nature and relationships of Sahelanthropus tchadensis.’

239. ‘Birth of Homo erectus.’

240. 2021 ‘Rethinking the ecological drivers of hominin evolution.’

241. ‘On fossil recovery potential in the Australopithecus anamensis–Australopithecus afarensis lineage: A reply to Žliobaitė (2020).’

242. ‘Birth of Australopithecus.’
In press  ‘The fossil evidence for Paranthropus: history of discovery and interpretation.’

‘Was eastern African Paranthropus boisei eating grass?’

In review  ‘Estimating origination times from the early hominin fossil record.’

‘Using modern African ecosystems as analogues to reconstruct woody cover and hominin environments.’

‘Cochlear shape distinguishes southern African early hominin taxa with unique auditory ecologies.’

In preparation  ‘Patterns of inter- and intraspecific variation within the posterior basicranium of extant hominoids.’
Nevell, L., Fatica, L. M., and Wood, B.A.

‘Long bone length variation within and among extant anthropoid taxa.’
Powell, V., Barr, W.A., and Wood, B.A.
PEER-REVIEWED ABSTRACTS - TALKS AND POSTERS (*Student author)

    Anatomical Society of Great Britain and Ireland.

2.  ‘Morphology of a fossil hominid mandible from East Rudolf, Kenya.’
    Anatomical Society of Great Britain and Ireland.

    Anatomical Society of Great Britain and Ireland.


5.  ‘Problems in the systematics of early hominids.’
    Union International des Sciences Prehistoriques et Protohistoriques, Nice.
    Abstract: **Wood, B.A.**

6.  ‘Classification and phylogeny of East African hominids.’
    Congress of the International Primatological Society, Cambridge.

7.  ‘Relative growth in primates.’
    Congress of the International Primatological Society, Cambridge.

8.  ‘Evolution within the genus *Australopithecus.*’
    Invited contribution: Primate Society of Great Britain.
    Abstract: **Wood, B.A. Primate Eye, No. 8:** 7-9.

9.  ‘Sex differences in the primate pelvis.’
    Anatomical Society of Great Britain and Ireland.

10. ‘The functional anatomy of the Olduvai (OH 8) foot.’
    Anatomical Society of Great Britain and Ireland.

11. 1978 ‘Venous anatomy of the lower limb in macaca monkeys.’
    British Association of Clinical Anatomists.

12. 1979 ‘Allometry, and dental proportions in fossil hominids.’
    Anatomical Society of Great Britain and Ireland.

13. ‘Tooth and body size allometric trends in modern primates and fossil hominids.’
    American Association of Physical Anthropologists Annual Meetings, San Francisco.
Anatomical Society of Great Britain and Ireland.

15. ‘Analysis of mandibular molar morphology of early hominids.’
Anatomical Society of Great Britain and Ireland.

16. ‘Comparative anatomy of the hind-limb venous system in primates.’
6th European Anatomical Congress, Hamburg.

17. 1982 ‘Remains attributable to Homo erectus from Koobi Fora, and their relationship to fossil evidence from sites elsewhere in Africa and Europe.’
Wood, B.A. First International Congress of Human Palaeontology, Nice.

18. 1983 ‘The pattern of hind-limb venous drainage in pongids compared to that in man and monkey.’
Anatomical Society of Great Britain and Ireland.

19. ‘Preliminary observations on enamel structure and thickness in fossil hominids.’
International Society for Dental Research.

20. ‘Sexual dimorphism in the hominid fossil record.’

21. 1985 ‘Australopithecines: grade or clade?’
Symposium, Anatomical Society of Great Britain and Ireland.

22. ‘The origin and fate of Homo erectus.’
Symposium: Anatomical Society of Great Britain and Ireland.

23. ‘Character states and their role in phylogenetic analysis.’
XII International Anatomical Congress, London.

24. ‘The enamel of the posterior dentition of East African fossil hominids.’
Anatomical Society of Great Britain and Ireland.

25. ‘Mandibular premolar root form and evolution in the Hominoidea.’
Anatomical Society of Great Britain and Ireland.

26. 1986 ‘Affinities and adaptations of the 'robust' australopithecines.’
The Longest Record: The Human Career in Africa. Conference in Honor of J. Desmond Clark, Berkeley.
27. 1987 ‘Are the ‘robust’ australopithecines a monophyletic group?’
Primate Society of Great Britain.

28.  ‘The adaptations and affinities of the ‘robust’ australopithecines: do they constitute an evolutionary grade?’
International Workshop on the Evolutionary History of the “Robust” Australopithecines, State University of New York at Stony Brook.

29.  ‘Variations within Homo habilis.’
2nd International Congress of Human Palaeontology, Turin.

30.  ‘Dental morphology, characterization and identification of australopithecines and Homo habilis.’
2nd International Congress of Human Palaeontology, Turin.

31.  ‘Reconstructing hominid relationships from cranial measurements.’
The Phylogeny and Classification of Tetrapods, Linnean Society Symposium.

32.  ‘Classification and assignment of Australopithecus and Homo habilis specimens on the basis of the morphology of lower premolar teeth.’

33.  1988 ‘Venous anatomy of the human forelimb.’
British Association of Clinical Anatomists, St Andrews.

34.  ‘Early hominid diversity.’
First International Conference of China on Anatomical Sciences, Guanzhou, November.

35.  ‘Valves in superficial limb veins.’
British Association of Clinical Anatomists, University College, London.

36.  1989 ‘Variation in the Lufeng hominoid dental remains.’
American Association of Physical Anthropologists Annual Meetings, San Diego.

37.  ‘Reconstructing the hominid common ancestor.’
ISPCDPM, Fangshan, October.

38.  ‘Hominid variation: a departure from analogy.’ ISPCDPM, Fangshan, October.

39.  1990 ‘Predicting the mechanical characteristics of the limbs of the child using conventional anthropometric variables.’
British Association of Clinical Anatomists, The London Hospital Medical College, January.
1991 ‘Hominid species and speciation.’
John Napier Memorial Symposium, December.

1991 ‘Early Homo: How many species?’
American Association of Physical Anthropologists Annual Meetings, Milwaukee.

1990 ‘Allometry and sexual dimorphism in the growth of limb segments in British children.’

Frankfurt, December.

1992 ‘Homo erectus: grade, clade or neither?’
American Association of Physical Anthropologists Annual Meetings, Las Vegas.

1993 ‘Origin and evolution of the genus Homo.’

1993 ‘Paranthropus boisei - an example of evolutionary stasis?’

1993 ‘A realistic strategy for estimating hominid body weights.’
Four Million Years of Hominid Evolution in Africa: An International Congress in Honour of Mary Leakey, Arusha, August.

1993 ‘Early hominid diversity’.
LSB Leakey Symposium, Leakey Foundation, Oxford, October.

1993 ‘The shape of human evolution’.

1993 ‘Paranthropus boisei - an example of evolutionary stasis.’
54. 1994 ‘Cranial variables predict hominid body mass.’

55. 1995 ‘Evolutionary relationships between gibbon subgenera.’

56. 1998 ‘The use of articular surface shape to match the components of the H. habilis (OH 8/35) talocrural joint.’

57. 1996 ‘An early hominid ulna (OH 36) from Bed II, Olduvai Gorge.’
    American Association of Physical Anthropologists Annual Meetings, Oakland.

    American Association of Physical Anthropologists Annual Meetings, Oakland.

59. 1998 ‘Interpreting the evolutionary history of Plio-Pleistocene African hominids.’
    Wenner-Gren Conference, Malawi, October

60. 1996 ‘The OH 8 first metatarsal.’

61. 1997 ‘Mechanisms underlying the delayed eruption of the modern human dentition.’

62. 1997 ‘Early hominid mandibular scaling relationships.’

63. 1997 ‘Early hominid species and their adaptations.’
    2nd Kongreß der Gesellschaft für Anthropologie, Berlin.

64. 1998 ‘Evolutionary relationships between gibbon subgenera inferred from DNA sequence data.’

65. 1998 ‘The sex of AL 288-1.’

66. 1998 ‘Joint shape: a criterion for establishing the identity of isolated fossil hominid limb bones.’
    Anatomical Society of Great Britain and Ireland.
68. 1998  ‘Comparative study of East African Pliocene omnivore dental microwear.’

69.  ‘Cladistics and the estimation of hominid phylogeny.’

70.  ‘Masticatory characters and primate phylogeny estimation.’

71.  ‘Assessing taxonomic variability in hominoids.’

72.  ‘*Homo*: an alternative definition.’

73.  ‘Stature estimates for KNM-WT 15000.’

74.  ‘Can hominine body shapes be explained as adaptations to mechanical demands?’

75.  ‘Human evolution: species diversity and relationships.’

76.  ‘A test of the reliability of hominin phylogeny reconstruction.’

77.  ‘Grade shifts in the evolution of higher primates.’

78.  1999  ‘Stratigraphic consistency in hominin phylogeny.’

79.  ‘Assessing the taxonomic significance of mandibular variation in *Paranthropus boisei*.’

80.  ‘Biogeographic implications of early hominin phylogeny.’
81. 1999 ‘Patterns of craniofacial variability in living primates and P. boisei.’

82. ‘Homoplasy and the phylogenetic relationships of Homo rudolfensis.’

83. ‘Homoplasy and homoiology in human evolution.’

84. ‘Something to chew on: facial function in Paranthropus and its implications for early hominid phylogeny.’

85. ‘Homoplasy and hominin phylogeny.’

86. ‘Phenotypic plasticity in hominin phylogenetics.’

87. ‘Old and new paradigms in the study of human evolution.’
Proceedings of XIII Congress of the Italian Anthropological Association, Rome-Sabaudia

88. 2000 ‘The human genus.’
LOH Symposium on “Explaining Humans.” March, 2000. La Jolla, California.
Abstract: Wood, B.A.

89. ‘Relative reliability of bones, teeth and soft-tissues in higher primate phylogenetics.’

90. ‘Paranthropus boisei: a derived eurytope?’

91. ‘Early hominin limb proportions: Is ‘Lucy’ significantly different from her ‘children’?

92. ‘Does the hominin mandibular corpus have any taxonomic utility?’

93. ‘Human evolution and “progress”: a paleoanthropologists’ perspective.’
Association for Politics and the Life Sciences, 20th Annual Meeting, Washington, D.C.

94. ‘The human genus.’
95. 2001  ‘Phylogenetic utility of higher primate postcranial morphology.’

96.  ‘Finite element analysis of a partial macaque skull.’

97.  ‘Are the P4s of *Paranthropus* uniquely molarized?’

98.  ‘Rethinking early hominin adaptive strategies.’

99.  ‘Macroevolutionary trends in human evolution.’

100.  ‘Taxonomy and phylogeny of hominid species: the contribution of dental microstructure.’

101.  ‘Homoplasy and the early hominin masticatory system: inferences from analyses of living hominoids and papionins.’

102.  ‘Human evolution through the ages.’

103.  ‘Human evolution: grades and clades.’

104.  2002  ‘Comparative context of radicular variation on fossil hominins: methodology and variation in premolar root form.’

105.  ‘Incongruence and homoplasy in the mammalian skeleton.’

106.  2003  ‘Contribution of characters of the central nervous system to hominoid phylogenetics.’

107.  ‘Cranial base sexual dimorphism: size and shape and their taxonomic significance.’

109. 2004  ‘Paranthropus paleobiology: a review.’

110.  ‘Are early hominin hypodigms equally biased samples?’

111.  ‘An evaluation of the coefficient of variation and average taxonomic distance to detect multiple taxa in extant hominoid samples.’

112.  ‘The genus Homo: origins and characteristics.’
Wood, B.A. ‘Symposium: The Rise and Fall of Homo erectus’ La Jolla CA.

113.  2005  ‘Root morphology of the anterior dentition of extant higher primates.’

114.  ‘Patterns of hard tissue sexual dimorphism within the hominin clade.’

115.  ‘The evolution of premolar and molar crown morphology within the hominin clade.’

116.  ‘Comparative anatomy of humans and great apes: what about the soft tissues?’

117.  ‘Interpreting human evolutionary history: What can we infer from the skeleton and behaviour.’

118.  2006  ‘Human evolution: philosophies, prejudices and preconceptions.’

119.  ‘Principles and options for defining the genus Homo.’

120.  ‘When does the genus Homo begin and how can we know?’
121. 2006  ‘Where does the genus *Homo* begin, and how would we know?’
Abstract: Wood, B.A.

122.  ‘Evolutionary relationships of modern humans and apes.’
Abstract: Wood, B.A.

123. 2007  ‘The hominin fossil record: taxa, grades, and clades.’

124.  ‘Hominin life history.’

125.  ‘Structural and functional trends in mandible and tooth morphology within the hominin clade.’

126.  ‘Human origins database: managing published data and specimen information for fossil and comparative collections.’

127.  ‘*Homo floresiensis* and *Homo sapiens* size-adjusted cranial shape variation.’

128.  ‘Dentine crown expression of discrete dental traits on extant hominoid and fossil hominin lower molars.’

129.  ‘Human origins database.’
National Science Foundation/Wenner-Gren Database Workshop, American Museum of Natural History, New York, April, 2007.
Abstract: Wood, B.A. and Gordon, A.D.

130.  ‘*Paranthropus boisei*: fifty years of evidence and analysis’
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141. 2009  ‘Paleoanthropology and cultural anthropology: Could and should the twain meet?’
Annual Meeting of the American Association of Physical Anthropologists, Chicago.
April, 2009.

142.  ‘Facial biomechanics in Australopithecus africanus: implications for feeding ecology.’
Annual Meeting of the American Association of Physical Anthropologists, Chicago.
April, 2009.
Abstract: Strait, D.S., Weber, G.W., Neubauer, S., Chalk, J., Richmond, B.G., Lucas,
P.W., Spencer, M.A., Schrein, C., Dechow, P.C., Ross, C.F., Grosse, I.R., Wright, B.W.,

143.  ‘What do we think we know about Paranthropus boisei?’

144.  ‘Paranthropus’ monophyly: a “done deal”, or a hypothesis ripe for testing?’

145. 2010  ‘The functional and phylogenetic implications of Paranthropus boisei gnathic and dental
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147. 2011  ‘Discrimination of robust and gracile australopith postcanines through an inhibitory
cascade mode.’
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developmental perspectives.’
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149.  ‘Comparative anatomy, ontogeny, evolution and phylogeny of primates, with special
attention to the phylogenetic position of Tarsius, the relationships of hominoids, and the
muscular variations of modern humans.’

150. 2011  ‘Phylogeny of primates based on muscular characters, with special attention to the
relationships of hominoids and the phylogenetic position of Tarsius.’
151. 2011 ‘Hominoid cranial base variation supports a valid taxonomic distinction between *Paranthropus boisei* and *Paranthropus robustus.*’

152. ‘Mandibular premolar molarization: a platyrrhine comparative model.’

153. ‘The role of comparative databases in paleoanthropology research.’

154. ‘Crown and cusp base areas in early *Australopithecus.*’

155. ‘Mandibular P4 morphology among Plio-Pleistocene hominins: taxonomic implications and morphological trends.’

156. ‘*Paranthropus* and *Homo* mandibular premolar morphology: a comparative model in sympatric primates’

157. 2012 ‘A comparative genomic investigation of the role for the NMDA receptor gene *GRIN3A* in synaptic plasticity.’

158. ‘Comparative anatomy, evolutionary trends and the myth of human morphological complexity: empirical studies reveal that modern humans have fewer muscles than most primate and non-primate mammals.’

159. ‘Comparative anatomy of the lower limb muscles of hominoids: attachments, relative weights, innervation, functional morphology and evolution.’ *Infestas, E., Pastor, J.R.*

160. ‘Mandibular premolar morphology is correlated with dietary toughness in sympatric callitrichids.’

161. ‘Revisiting “Zinj”: premolar morphology supports multiple robust australopith genera.’

162. 2012 ‘The molecular evolution of NMDA receptors in the human lineage.’
163. 2013 ‘Mandibular premolar morphology is correlated with mechanically challenging diets in sympatric primates.’

164. ‘Sympatric primate populations: Comparative models for evaluating dental morphological variation in early hominins.’
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165. ‘The origin of Homo. What are we looking for?’
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166. ‘The origin of Homo. What are we looking for?’

167. ‘When physicians were polymaths.’

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170. 2014 ‘Natural selection in primates on genes involved in the growth and development of the masticatory apparatus.’
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171. ‘Quantifying the tempo and mode of hominin cranial capacity evolution including taking into account dating and measurement error.’
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173. ‘Learning to live with missing data.’
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Abstract: Wood, B.A.
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192. ‘Patterns of variation within the face of early hominins: Do we have a comparative context?’ Abstract: Wood, B.A. The Evolutionary History of the Human Face Fundación Ramón Areces, Madrid, September 13th, 2016 (PRESENTATION)


Bonobo striated muscle anatomy suggests relative stasis and mosaic evolution with panins, and supports bonobos as the most appropriate extant model for the common ancestor of panins and hominins.


Ancestral state reconstructions of dental development in Miocene fossil taxa.


Patterns of metameric variation in premolar root morphology in fossil hominins.


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Species recognition in the hominin fossil record.


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ARTICLES
(e.g., Nature ‘News and Views’, PNAS ‘Commentaries’, articles in reference books, obituaries, etc.)

1. 1972  ‘Elliot Smith commemorated.’

2. 1974  ‘Synthesis of ideas on early man.’

3. 1975  ‘Australopithecus africanus: fifty years on.’


5. 1979  ‘Footprints in time.’


7. 1982  ‘Australopithecus.’

8. 1984  ‘Human evolution: a gathering of our ancestors.’ (conference report)


10. 1987  ‘Who is the ‘real’ Homo habilis?’

11. 1989  ‘Interview with Phillip Tobias.’

12. 1990  ‘Vertebrate muscle systems and modifications to the upright posture.’


15.  1992  ‘A remote sense for fossils.’

16.  1992  ‘Old bones match old stones.’

17.  1992  ‘Hominid palaeontology.’
18. 1992  ‘Evolution of the australopithecines.’

19. 1993  ‘Four legs good, two legs better.’

20.  ‘Rift on the record.’

21.  ‘Four million years of hominid evolution in Africa.’

22. 1994  ‘The oldest hominid yet.’

23.  ‘L’Australopithèque ramidus est-il notre tout Premier Ancêtre?’

24. 1995  ‘Human origins - a family feud.’

25.  ‘Out of Africa and into Asia.’

26.  ‘Australopithecus goes West.’

27.  ‘Primate and human evolution.’

28.  ‘Leaps and bounds.’

29. 1996  ‘Early hominid evolution in Africa: the search for an ecological focus.’

30.  ‘Human evolution.’

31. 1997  ‘Mary Leakey, 1913-96.’

32.  ‘The oldest whodunnit in the world.’

33.  ‘Koobi Fora.’

34.  ‘Ecce Homo - behold mankind.’
35. 1998  ‘Investigating human evolutionary history.’

36.  ‘Howell: lifetime achievement award.’


38.  ‘We are what we ate.’

39.  ‘Homoplasy: foe and friend?’

40.  ‘Hominid evolution.’

41. 2000  ‘Homo ergaster.’

42.  ‘Homo habilis.’

43.  ‘Homo rudolfensis.’

44.  ‘Homo erectus.’

45.  ‘Homo habilis.’

46. 2001  ‘Homo neanderthalensis.’

47.  ‘Hominid Evolution.’

48.  ‘Définition du genre Homo.’

49. 2002  ‘Hominid revelations from Chad.’
50. 2002 ‘Who are we?’

51. 2002 ‘Human evolution early radiations.’

52. 2003 ‘Hominids.’

53. 2005 ‘Foreword: several smooth pebbles.’

54. 2006 ‘History is philosophy learned from examples.’

55. 2006 ‘A precious little bundle.’


59. 2009 ‘Où le genre Homo commence-t-il?’.
    Wood, B.A. Les Dossiers de la Recherche. 32: 39-42.

60. 2009 ‘The hunt for our earliest human ancestors.’

61. 2009 ‘Sir Wilfrid Le Gros Clark, the making of a paleoanthropologist.’


63. 2011 ‘Did early Homo migrate “out of” or “in to” Africa?’

64. 2011 ‘A very particular kind of archaeologist.’
65. 2012  ‘Antenati e Parenti.’

66. ‘Obituary: Phillip Vallentine Tobias (1925-2012).’

67. ‘Facing up to complexity.’

68. ‘Obituary: Phillip Vallentine Tobias (1925-2012).’

69. 2013  ‘Gritting their teeth.’

70. ‘Four-field anthropology: a perfect union or a failed state?’

71. ‘Phillip Vallentine Tobias (1925–2012).’

72. 2014  ‘Shared morphology does not always mean shared recent evolutionary history.’

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Reprinted in ‘The Story of Us’ Scientific American Special, 25(4) Autumn 2016. (ISSN 1936-1513)

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<td>2018</td>
<td>'The origin of ‘us’: what we know so far about where we humans come from.' Wood, B.A. and Westaway, M. The Conversation.</td>
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In preparation ‘Human Evolution: Early Radiations’ (Revised and updated) McRae, R. and Wood, B.A.

BOOK REVIEWS

1. 1974 ‘Primate morphology.’

2. 1976 ‘Controversial morphometrics.’

3. 1977 ‘Primate functional morphology and evolution.’

4. ‘African fossil hominids.’

5. 1979 ‘Grant’s dissector.’

6. 1980 ‘Contributions from Olduvai.’
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7. ‘Human evolution: an introduction to man’s adaptations.’

8. ‘Hands’

9. 1981 ‘Man’s place in evolution.’

10. 1982 ‘The making of ‘mankind’ and ‘Lucy.’

11. ‘On becoming human.’
12. 'The monkey puzzle.'

13. 1982 'Sexual dimorphism in Homo sapiens.'

14. 'Creatures of fact, creatures of myth from the sixteenth century.'

15. 1983 'The fossil record and evolution.'

16. 'A color atlas of foot and ankle anatomy.'

17. 'Gnawing doubts.'

18. 1983 'The hunger for salt.'

19. 'Bones, teeth and molecular clocks.'

20. 'A textbook of regional anatomy.'

21. 1984 'Primate brain evolution.'

22. 'Human ecology.'

23. 'Primatology by numbers.'
24. 1984  ‘Problems of phylogenetic reconstruction.’

25. 1984  ‘Clinical anatomy.’

26. 1985  ‘Growing analysis.’

27. ‘Hominid evolution and community ecology: prehistoric human adaptation in biological perspective.’


30. 1986  ‘Down to the bones.’

31. ‘Oxford illustrated encyclopaedia: the natural world.’

32. 1986  ‘Primate morphophysiology, locomotor analyses and human bipedalism.’

33. ‘Cambridge encyclopaedia of life sciences.’

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47.  ‘An introduction to human evolutionary anatomy’ and ‘The evolution of Homo erectus.’

48.  ‘Homo habilis laid bare.’

49.  1992  ‘Olduvai Gorge and the ascent of man.’
Wood, B.A. BioEssays, 14: 292-293.

50.  ‘Primate life history and evolution.’

51.  ‘Other origins: the search for the giant ape in prehistory.’

52.  1993  ‘Neander’s valley of discovery.’

53.  ‘Past masters.’

54.  1994  ‘Topics in primatology.’

55.  ‘Old boy.’
56. 1994  ‘Our earliest ancestors.’ 

57.  ‘In search of our foremothers.’ 
Wood, B.A.  New Scientist, 144: 50.

58.  ‘Theropithecus: rise and fall of a primate genus.’ 

59.  ‘The problems of our origins.’ 
Reviews of ‘The Origin of Modern Humans and the Impact of Chronometric Dating.’  

60.  Les hommes fossiles de Saccopastore.’ 

61. 1995  ‘The helix where humans began.’ 

62.  ‘Naming our ancestors.’ 

63. 1996  ‘Apocalypse of our own making.’ 

64.  ‘A family date with human destiny.’ 
Wood, B.A.  Times Educational Supplement (TES), No. 4160, p.11.

65.  ‘Perspectives in human biology.’  
67. 1996  ‘Farming for beginners.’

68. 1996  ‘Ape, man, apeman: changing views since 1600.’

69. 1996  ‘Humans before humanity.’

70. 1996  ‘Origins of Mankind.’

71. 1996  ‘Skulls and crossed bones.’

72. 1996  ‘Evolution of modern human diversity.’

73. 1996  ‘Life’s splendid drama.’

74. 1996  ‘Evolution of modern human diversity.’

75. 1996  ‘Dental anthropology.’

76. 1996  ‘Bodies of evidence.’

77. 1996  ‘George Cuvier, fossil bones and geological catastrophes.’
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88. 2002  ‘Primate taxonomy.’

89. 2002  ‘So near, but yet so far.’

90. 2004  ‘Exploring human origins.’

91. 2005  ‘Human evolution.’

92. 2005  ‘The skull of Australopithecus afarensis.’


94. 2005  ‘Deep roots.’
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95. 2005  ‘The human strategy.’

96. 2005  ‘Patterns of growth and development in the genus Homo.’

97. 2008  ‘Paleoanthropology today?’
98. 2008  ‘Neanderthals revisited: new approaches and perspectives.’
Review of ‘Neanderthals Revisited: New Approached and Perspectives.’ Eds. Katerina

99. 2010  ‘Tobias in conversation: genes, fossils and anthropology.’
Review of ‘Tobias in Conversation: Genes, Fossils and Anthropology.’ By Phillip V.
Tobias, Goran Štrkalj, and Jane Dugard. 2009. Pan-MacMillan and Wits University
Press, Johannesburg.

100. 2009  ‘Homo erectus Pleistocene evidence from the Middle Awash, Ethiopia’ and ‘Étude
anthropologique du squelette du paléolithique supérieur de Nazlet Khater 2 (Égypte).’
Reviews of ‘Homo erectus Pleistocene evidence from the Middle Awash Ethiopia.’ Eds.
Angeles; ‘Étude Anthropologique du Squelette du Paléolithique Supérieur de Nazlet

and A. Gallagher. 2012. Cambridge Studies in Biological and Evolutionary


103. 2018  ‘You are what you eat.’
Review of ‘Evolution’s Bite: A Story of Teeth, Diet, and Human Origins.’ By Peter S.

104. 2018  ‘The complex history of human origins research in South Africa.’
Reviews of ‘A Search for Origins: Science, History and South Africa’s ‘Cradle of
Cambridge; ‘Darwin’s Hunch: Science, Race and the Search for Human Origins.’ By

105. 2018  ‘DNA ‘lives’ to tell the tale.’
University Press, Oxford.

108. 2019  ‘Trail of feathers to the Neanderthal mind.’


110. 2021  ‘Human behavior writ large.’

111.  ‘David Haig. From Darwin to Derrida: Selfish genes, social selves, and the meanings of life.’

112.  ‘Reputations and legacies.’
ELECTRONIC DATABASES


2. 2008  ‘Human Origins Database.’
Gordon, A. and Wood, B.A.

RECENT INVITED TALKS AND LECTURES


11/6/19  ‘A realistic guide to the human fossil record’, American Association for the Advancement of Science, Washington, D.C.


3/4/20  ‘What can we learn about human evolution from the fossil record?’ George Mason University, Fairfax, VA.

4/21/20  ‘What can we learn about human evolution from the fossil record?’ National Museum of Natural History, Washington, DC.

RECENT INTERVIEWS ON-LINE

2020  ‘Conversations with: Professor Bernard Wood.’
Conversations in Human Evolution Podcast. Ed. Lucy Timbrell.

Dr. Bernard Wood – Paleoanthropology
AnthroBiology Podcast.

JOURNALISM

1. 2006  ‘What will be the biggest breakthroughs in the next 50 years?’