## **Evolutionary Paleobiology Of Behavior And Coevolution**



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## Paranthropus boisei: Fifty Years of Evidence and Analysis

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KEY WORDS Paranthropus; boisei; aethiopicus; human evolution; Afric

ABSTRACT Pearathropus boisei is a hominin taxo with a distinctive cranial and dental morphology. It are the properties of the state of the properties of the stratigraphic and chronological control, and for som morphological regions, such as the mandible and the mandibular dentition, the samples are not only rela that the properties of the properties of the properties of the standards, reasonably-sized. This means that research ers can trace the evolution of metric and nonmetric variables across hundreds of thousands of years. This paper is a detailed review of half a century's worth of fost evidence and analysis of *P. boisei* and traces how its evolutionary history have evolved during the past 50 years. Ythyk Phys Anthropo 50:106–132, 2007.

Australopithecus boisei, which for reasons explained later in this article we refer to as Paranthropus boisei, it a hominin best known for its large jawa and large poot as hominin best known for its large jawa and large poot for the property of the prope

son suggested that the genus Zinfanthropus he abanincluded within the existing genus Paranthropus. It doing so, he pointedly referred to the existence of "nearly 200 specimens of Paranthropus (Robinson, 1960b, p 1900 specimens of Paranthropus (Robinson, 1960b, p liar with the range of variation included in this hypodigm. Robinson acknowledged there were size differences between OH 5 and the Paranthropus remains from southminor significance. Subsequently, a detailed and meticulous analysis of the OH 5 cranium (Tobias, 1967) also justifyings and Australophtheus (i.e., Paranthropus). Most researchers now include the East African megadont archaic hominian in Australophtheus as A boise researchers who favor the hypothesis that the East and southern African megadont tax form a monophyletic group (e.g., Grins, 1988, Wood, 1961) retain Paranthrogroup (e.g., Grins, 1988, Wood, 1961) retain Paranthrosouthern African megadont tax form a monophyletic group (e.g., Grins, 1988, Wood, 1961) retain Paranthrothrophyletic and the properties of the properties of the as the species name for the group to which OH 5 belongs. For the reasons given in the sections on Taxon uncertainties about the taxonomy of the East African transport of the properties of the

## NOMENCI ATUE

In the "preliminary diagnosis" of what was then referred to as Zujnathropus basis, Leakey (1959) drew Zujnathropus basis, Leakey (1959) drew boises and "the genera Australopithecus and Paranthronay" (p. 429). Because at the time OH 5 was both the holotype and the only evidence of that taxon, these were effectively differences between a single specimen, OH 5, Smith (2005) for a sober warning about this and other studies that claim taxonomic distinction on the basis of a single specimen). The following year Robinson (1960b) the former's astifaction refuted the vast majority, Robinthe former's astifaction refuted the vast majority, Robin<sup>1</sup>An abbreviated version of this paper has appeared in Evolutionary Anthropology (Constantino P. Wood B. 2007. The evolution of Zinjanthropus boisei. Evol Anthropol 16(2):49–62).

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