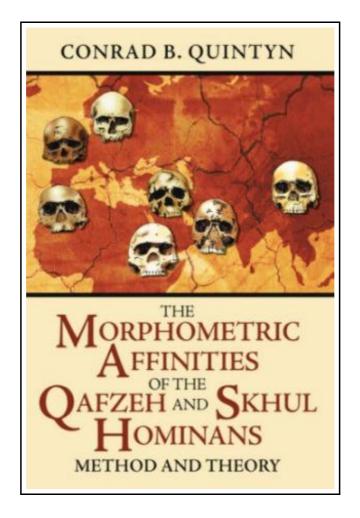
The Morphometric Affinities of the Qafzeh and Skhul Hominans: Method and Theory



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THE MORPHOMETRIC AFFINITIES OF THE QAFZEH AND SKHUL HOMINANS: METHOD AND THEORY



AuthorHouse. Hardcover. Book Condition: New. Hardcover. 316 pages. Dimensions: 9.1in. x 6.1in. x 1.1in.ln the arguments on modern human origins the Qafzeh-Skhul hominans, based on skeletal analyses, are accepted as anatomically modern and given the lofty title of Proto-Cro-Magnons. However, their modernity has been questioned in the literature. In this research, 42 dimensions were measured on the craniofacial bones of Qafzeh, Skhul, Cro-Magnons, Neanderthals, and other archaic, early, and recent modern samples from Africa, Western Asia, Europe, and East Asia (total crania, N400) to test the null hypothesis that the Qafzeh-Skhul hominans are Proto-Cro-Magnons. An alternate hypothesis was also tested: the Qafzeh and Skhul hominan samples have morphometric affinities to one, some or none of the regional sample groups in this research. Canonical variate analysis based on log sizeshape and shape D2 for male and female craniofacial data show quite clearly that the Qafzeh and Skhul hominan samples are distant from the Cro-Magnons but closer to African and Levantine (Middle Eastern) sample groups. Hierarchical cluster analysis presented similar results. Based on the data in this research, the hypothesis stating that the Qafzeh and Skhul hominans are Proto-Cro-Magnons is rejected. Instead, the alternate hypothesis is accepted: the Qafzeh and Skhul hominans have strong morphometric affinities to archaic and early modern Africans and Levantines. Together, the Qafzeh-Skhul skeletal sample shows strong evidence of mosaic evolution. In essence, are the Qafzeh and Skhul hominans descendants of the modern African population that left the continent 200, 000 to 150, 000 years ago according to the mitochrondrial DNA genetic evidence This is certainly possible. Are the Qafzeh and Skhul hominans ancestors of the later Cro-Magnons who, supposedly, replaced all existing, well-adapted populations in the Old World-even the remarkable Neanderthals--by 30, 000 years ago According to the craniofacial data in this research, the answer is no....

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