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FACULDADE DE CIÊNCIAS E TECNOLOGIA DA UNIVERSIDADE DE COIMBRA

DEPARTAMENTO DE ANTROPOLOGIA

MORPHÉ

ANÁLISE DAS PROPORÇÕES ENTRE OS MEMBROS, DIMORFISMO SEXUAL E ESTATURA
DE UMA AMOSTRA DA COLECÇÃO DE ESQUELETOS IDENTIFICADOS DO MUSEU
ANTROPOLÓGICO DA UNIVERSIDADE DE COIMBRA

DISSERTAÇÃO DE MESTRADO EM EVOLUÇÃO HUMANA

ROSA SOFIA DA CONCEIÇÃO NETO WASTERLAIN



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Abstract

Morphological variation, namely limb proportions, sexual dimorphism and age related changes of this later parameter, are evaluated in a skeletal sample made up of 200 adult individuals belonging to the Identified Skeletal Collection of the Museum of Anthropology of Coimbra University. Simultaneously, methods of sex determination, either by midpoint method or by discriminant function analysis, are provided and its reliability tested using an independent sample of skeletal individuals belonging to the Lisbon Collection housed in the «Museu e Laboratório Zoológico e Antropológico» of Lisbon University.

Stature estimation using some of the most widely spread formulae was done in order to understand the importance of its choice in anthropological studies.

Finally, in the last chapter, Application to Non Identified Skeletal Samples, stature secular trend is analyzed and, additionally, results of sex determination using the methods proposed on the previous chapters are compared with those attained by other researchers on the basis of different methods.

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