MORPHOLOGY AND MORPHOMETRY OF THE ANTEBRACHIAL SKELETON AND BONES OF HAND OF THE DOMESTIC PEKIN DUCK

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Summary. The aim of the present study was to study the feature and to analyse the morphometry of the antebrachial skeleton and bones of hand of the domestic pekin duck (Anas platyrhynchos f. domestica). The morphological studies covered 84 immature ducks (42 females, 42 males) and 40 adult ducks (34 females, 6 males). Mean body weight and absolute parameters of all bones were determined separately for each sex of ducks and for the total sample. There were found statistically significant differences (p<0.05) in the respective bones traits between males and females - quality of dimorphism and between immature and adult ducks – ontogenetic nature. The obtained results can be used in the breeding research and in the definition of remains of bones of the fossil birds during excavation.

Keywords: duck, bones, morphology, morphometry.