

Radiogrammetric Study of Width, Area of Cortex and Medullary Cavity of Long Bones of *Macaca Mulatta* From Juvenile to Adult Stages

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ABSTRACT The width, area of Cortex and Medullary cavity of the long bones measured on radiographs of various age group of 323 male and 376 female *Macaca mulatta* are presented in tables for Femur, Tibia, Humerus and Radius. The pattern emerging from the means in the Cortical bone dynamics is discussed. Generally, during the juvenile stages the mean Subperiosteal width and the mean Medullary width increase sharply from juvenile 1 to juvenile II stages. The sex differences are statistically insignificant at the younger ages but become significant in the later ages. The data may prove useful in judging impact of changing ecological pattern in the conservation of wild species.

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