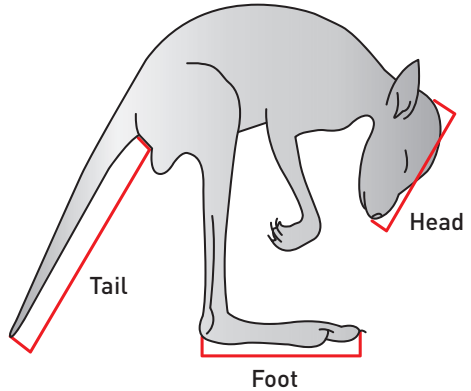


APPENDIX 5

Body Measurements for Age Determination

The following figure outlines the standard body measurements used to age joeys in the Wombaroo growth charts. Note that body weight is not an accurate indicator of age.

Source: Sharman GB, Frith HJ & Calaby JH (1964). Growth of the pouch young, tooth eruption and age determination in the red kangaroo, *Megaleia rufa*. CSIRO Wildlife Research 9, 20-49.



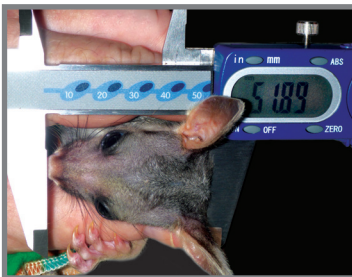
Head Length: Best measured with vernier calipers, from tip of the nose to the back of the skull. Head length is generally the most accurate indicator of an animal's age.

Foot Length: From the back of the heel to the end of the longest toe (excluding the nail). Measured with calipers, a ruler or tape measure.

Tail Length: Underside from the base to the tip (excluding any hair protruding from the tip). Measured with a ruler or tape measure.



Joey foot measurement.



Possum head measurement.



Possum tail measurement.