

## Measurements

---

There are two kinds of measurements. Skull measurements are taken on the skull of the specimen (see figure below) and are accurate to 0.01 mm. Other measurements are taken when the specimen was captured. HB and TL are accurate to 1 mm, HF and EL to 0.1 mm.

### Skull measurements

M1	GRLS	greatest length of skull
M2	PRCO	condylobasal length
M3	HEBA	henselion-basion
M4	HEPA	henselion-palation
M5	PAFL	length of palatal incisive foramen (= palatal foramen)
M6	DIA1	length of diastema: distance between the anterior border of the alveolus of M1 and the posterior border of the alveolus of the upper incisor
M7	DIA2	distance between the anterior border of the alveolus of M1 and the foremost edge of the upper incisor
M8	INTE	smallest interorbital breadth
M9	ZYGO	zygomatic breadth on the zygomatic process of the squamosal
M10	PALA	smallest palatal breadth between first upper molars
M11	UPTE	length of upper cheekteeth: distance between the anterior border of the alveolus of M1 and the posterior border of the alveolus of M3
M12	UPDA	breadth of upper dental arch: greatest breadth across first upper molars
M13	M1BR	greatest breadth of first upper molar
M14	ZYPL	smallest breadth of zygomatic plate: distance taken in a plane parallel to the occlusal surface of the upper molar-row
M15	BNAS	greatest breadth of nasals
M16	LNAS	greatest length of nasals
M17	LOTE	length of lower cheekteeth: distance between the anterior border of the alveolus of M1 and the posterior border of the alveolus of M3
M18	CHOB	greatest breadth of the choanae
M19	BULL	length of auditory bulla (minus the protruding part of the bony Eustachian tube)
M20	BRCA	greatest breadth of braincase
M21	DINC	depth of upper incisors (perpendicular on length axis of tooth)
M22	-	-
M23	ROHE	mediosagittal projection of rostrum height at anterior border of first upper molars
M24	ROBR	greatest rostrum breadth (in front of zygomatic plates)
M25	PCPA	distance between the extreme points of the coronoid and the angular processes of the mandibula

## Other measurements

- HB head and body length
- TL length of tail
- HF length of hind-foot (minus the nail)
- EL length of ear

