

	Mm.
Space occupied by molars and fourth premolar...	84
Space occupied by molars and premolars.....	123
Space occupied by the six incisors.....	74
Length of canine (worn at tip) protruding beyond inner edge of alveolus.....	60
Transverse diameter of canine at edge of alveolus	26
Antero-posterior diameter of canine at edge of alveolus	42

A large median foramen (length 19 mm., width 11 mm.) occurs behind the anterior palatine foramina, its centre being in line with the posterior edge of the alveolus of the first premolar. The posterior palatine foramina are placed rather far back in line with the hinder half of the second molars. There are two external infraorbital foramina, one above the other, and distant about 17 mm. apart, in line with the anterior portion of the first molar.

	Mm.
Length of skull from inion to anterior end of pre- maxillary (20½ inches).....	521
Length of skull along base from vertically below apex of inion to anterior end of premaxillary (19⅝ in.).....	506
Length of skull from posterior edge of occipital condyle to anterior end of premaxillary.....	463
Distance from anterior end of premaxillary to posterior nares.....	260
Elevation of forehead vertically above posterior extremity of posterior molar (estimated).....	200
Width between inner border of posterior molars...	93
Width between inner edges of alveoli of canines...	74
Extension backward of sagittal crest beyond oc- cipital condyle.....	43
Extreme breadth across zygomatic arches.....	364
Breadth across postorbital processes of frontals...	205
Height of sagittal crest vertically above postglenoid process.....	215
Breadth across mastoid processes of periotics.....	240
Combined breadth of occipital condyles.....	89
Diameter of foramen magnum:	
Vertical.....	39
Transverse.....	40

The Gold-run creek skull is considered to represent a species of *Arctotherium*, hitherto undescribed, for which the name *yukonense* is proposed, with the skull as the type (Cat. No. 7438).