

We know further that great numbers of these large animals were killed by the Assyrian king Ashur-nasir-pal, on the hunting grounds near the Euphrates. Aristotle mentions the occurrence of the buffalo with horns curved back to the neck, in Arachosia, the Persian province Khokand; and Chosroes II (591 to 628 A. D.) is represented on a silver plate in the National Library of Paris as hunting this animal.*

There can be no doubt that two large bovine animals lived in very ancient times in Northern Persia in proximity to the Anau kurgans. Which of these two animals furnished the bones we are discussing and was the one hunted by the ancient Anau-li? Fortunately there are among the bones from the deepest layers of the kurgan several which enable us to answer this question. These are fragments of a right branch of a lower jaw, which I have restored, a basioccipital bone, and a fragment of a horn-core.

Table of dimensions (in millimeters).

Lower jaw.	North Kurgan, Anau, - 20 ft.	<i>Bos namadicus</i> Narbada (Brit. Mus.).	<i>Bos primigenius</i> (Mus. Bern).	<i>Bubalus arnee</i> (Paris).
Length.....	438	443	455
Length of dentition.....	162	171	161	125
Length of molars.....	108	110	104
Length of premolars.....	76	80	56
Length of toothless part.....	117	115	154
Width of ascending branch.....	136	142	139
Height of horizontal branch at premolar 1.....	53	51	45	51
Width of incisive part.....	78	83	84	102
Basioccipital bone.	North Kurgan, Anau, - 17 ft.	<i>Bos primigenius</i> , Kirken- dorightshire (Mus. London).	<i>Bos taurus</i> , Walthamstow.	
Length of condyle.....	110	130	105	
Width of foramen.....	43	43	
Width above condyle.....	56	65	
Width on upper protuberances.....	60	72	57	
Width on tubercula pharyngeæ.....	37	37	26	
Length from upper protuberances to tubercula pharyngeæ.....	44	46	
Lateral length of basioccipital.....	92	94	76	
Provenience of horn-core.	Circumference at base.	Vertical diameter.	Length of core.	
Anau.....	about 400	120	
Suen-Hua-Fu, China, <i>Bos namadicus</i> (Mus. Paris).....	413	122	about 830	
Ilford, Essex, England, Brit. Mus. (N. 25426) <i>Bos primigenius</i> ..	430	124	1000	
Algeria, <i>Bos opisthomus</i> Pomel (Mus. Algeria).....	340	90	800	
Levallois-Perret (Paris), <i>Bos primigenius</i> (Mus. Paris).....	415	110	725	
Rhine, <i>Bos primigenius</i> (Mus. Darmstadt).....	382	100	690	

It is well known that one of the principal differences between the bubaline and the taurine form of the ox tribe consists in the slender form of the lower jaw and especially in the greater width of the incisive part (corpus) of the lower jaw in the buffalo, and the greater narrowness of the horizontal branch behind the

*Duerst, Quelques ruminants sur des œuvres d'art asiatiques. Revue archéolog., I, pp. 239-244.