

Now, Anau lies just at the foot of the Kopet Dagh and within the area of distribution of *Ovis vignei arkal*; it is, therefore, most probable that we have to do with the remains of a mountain sheep still living in the Kopet Dagh and not with those of an inhabitant of the broad steppes of Persia and Asia Minor. We can, therefore, reasonably exclude the *Ovis orientalis*, *i. e.*, the steppe form of the wild sheep, from further consideration and say logically that we have before us *Ovis vignei arkal* Lydekker. As I am not able to give a direct comparison of our horn-cores with the original skulls of the Kopet Dagh sheep in the British Museum, I shall take for comparison two skulls of *Ovis vignei* that are preserved in Berlin and London, and shall contrast them with the measurements of the *Ovis ophion* of Cyprus and the Persian *Ovis arkal seu orientalis*. From these measurements it results that the agreement is closest with *Ovis vignei cycloceros* of the Punjab, and that the difference in dimensions of the two recent *Ovis vignei* skulls from Ladak and the Punjab is more noticeable than that between the skulls of Anau and all the others here brought into comparison with them.

Table of dimensions (in millimeters).

Skull.	North Kurgan, Anau.			Punjab. <i>Ovis vignei cycloceros</i> , Mus. Berlin.	Cyprus. <i>Ovis ophion</i> , Mus. London.	Ladak. <i>Ovis vignei</i> , No. 666, London.	Persia. <i>Ovis arkal</i> , Mus. Paris.
	-21 feet.	-15 feet.	+26 feet.				
Greatest width of frontal bones.....	125	....	....	127	125	145	134
Least width of same.....	95	....	....	94	93	111	98
Front line between base of horn-cores.	23	....	....	17*	22*	18*	25*
Back line between base of same.....	73	....	....	89*	103*	133*	118*
Greatest width of occiput.....	83	....	....	78	79	96	88
Least width of same.....	55	....	....	51	60	62	58
Greatest height of same.....	54	....	....	56	64	64	54
Least height of same.....	43	....	....	42	47	52	46
Greatest width of parietals.....	91	....	....	82	80	89	83
Least width of same.....	57	....	....	51	54	60	55
Parietal height.....	30	....	....	33	33	30	37
Longitudinal diameter of horn-base....	....	....	....	77	70	95	85
Longitudinal diameter of base of horn-core.....	62	70	67	52	54	63	58
Transverse diameter of base of horn....	....	....	....	44	57	69	58
Transverse diameter of base of horn-core.....	45	53	43	32	42	44	41
Circumference of horn-base.....	....	....	....	195	205	200	200
Circumference of base of horn-core....	180	200	170	175	180	180	180
Length of horn-core.....	250	....	....	220	....	....	....
Distance between joints.....	310	....	....	360	....	....	....

*Measurements taken on the horns, and not on the horn-cores.

It is clear that we have here a wild sheep that corresponds excellently well with the *Ovis vignei*. The horn measurements given by Lydekker for the *Ovis vignei* of the Kopet Dagh, if applied to the horn-cores in the manner followed with the skulls already mentioned, would correspond to a longitudinal diameter of about 70 mm. and a transverse diameter of about 54 mm., and would, therefore, agree very closely with the horn-cores of the Anau wild sheep from the culture period Ia in the depth of -15 feet.