

Table of dimensions (in millimeters)—Continued.

Phalanx III.	Posterior extremities.					Anterior extremities.				
	Length.	Width.	Height.	Lateral height.	Circumference.	Length.	Width.	Height.	Lateral height.	Circumference.
North Kurgan, Anau:										
- 8 feet .....	43	57	29	11	120	..	..	..	....	....
+ 5 feet .....	48	54	33	16	130	..	..	..	....	....
+ 36 feet .....	48	57	33	15	135	..	..	..	....	....
+ 23 feet .....	..	..	..	....	....	55	59	32	15	120
+ 28 feet .....	..	..	..	....	....	56	60	35	18	140
+ 33 feet .....	..	..	..	....	....	48	59	32	13	125
<i>Equus przewalskii</i> , Mus. Bern.....	..	52	34	17	110	..	52	34	17	110
<i>Equus hemionus</i> , Mus. Paris.....	..	54	37	....	115	..	54	37	....	115
European diluvial horse, after Nehring....	..	85	58	....	....	..	90	56	....	....

  

Astragalus.	Width of distal articulation.	Length of interior trochlea.	Length of exterior trochlea.
North Kurgan, Anau:			
- 10 feet .....	44	52	48
+ 8 feet .....	41	53	49
+ 20 feet .....	48	59	54
+ 23 feet .....	44	52	48
+ 26 feet .....	48	55	51
+ 33 feet .....	47	56	49
<i>Equus przewalskii</i> , Mus. Bern .....	51	55	51
European diluvial horses:			
After Hescheler, Kesslerloch .....	51-54	74-78	....
After Nehring, Westeregeln .....	57-60	83-84	....
Vindonissa, Roman horses .....	50-59	60-63	....

ASTRAGALUS.

In all we have seven well-preserved astragali, three right and four left. Their size corresponds throughout to those of the horses already mentioned.

As is known, Forsyth Major points out that in the fossil horse the length of a segment of the inner end of the navicular surface of the astragalus, counted from its intersection by an imaginary line representing the continuation of the outer surface of the inner condylus, is considerably shorter than in recent horses, and he illustrates this in a table, from which we have extracted some points giving the relation of the length of the inner segment of the navicular surface referred to its full length, which is taken as 100.

Relation of length of inner segment of navicular surface of astragalus to its full length (expressed in percentages).

	Minimum.	Mean.	Maximum.
<i>Hipparion</i> .....	29.2	29.2	29.2
<i>Equus stenorhis</i> .....	24.7	32.5	35.3
Siberian horses, Yana River .....	27.9	32.0	33.9
Roman horses, from Vindonissa .....	30.2	32.2	34.3
Horses of Solutré .....	31.7	33.2	34.5
Horses from Cardamone .....	33.8	34.6	35.4
<i>Equus caballus</i> , recent .....	36.0	37.8	40.4