

The molars both of the Anau horse and of the other subfossil horses are represented by hundreds, but a detailed study of them can be of use only when we possess sets of teeth which surely belong together, as we fortunately have in a complete half of a palate from Anau.

After what has been said in reviewing the specific characteristics of ass and horse, it is superfluous to follow the course of each enamel plication. Here we will notice the principal differences; as regards the masticating surface the accompanying drawings (fig. 491) will speak for themselves. Nehring and later Salenski affirm that the relations assumed by Frank, for the Oriental and Occidental horses, between length and breadth of masticating surface (teeth broader than long in the Oriental, and longer than broad in the Occidental horse) are not decisive; indeed this relation is greatly influenced by the age of the animal, since through progressive grinding off of the teeth these become smaller towards the roots, and the row of teeth shortens. Nevertheless a comparative tabulation of the size-relations of the whole row of teeth is probably worth making.

Table of dimensions (in millimeters).

Grinding surface of upper molars.	Length of series.	Length from pre-molar 2 to molar 2.	Length of premolars.	Pre-molar 2.		Pre-molar 3.		Pre-molar 4.		Molar 1.		Molar 2.		Molar 3.	
				Length.	Width.	Length.	Width.	Length.	Width.	Length.	Width.	Length.	Width.	Length.	Width.
Anau (<i>Equus caballus pumPELLII</i>)															
5-year-old specimen.....	176	152	100	38	26	32	28	28	27	25	26	27	24	24	20
Same, -24 feet.....	..	..	..	31	26	..	..	27	26	26	26	25	26	25	21
Kesslerloch diluvial horse, 8 years.....	..	150	96	37	24	31	25	26	25	24	24	24	23	..	..
Auvernier domestic horse, bronze age, 6 years.....	153	127	81	33	22	24	23	23	24	21	24	21	24	25	20
Königsfelden, Alemannic time, 7 years.....	162	136	91	37	22	25	23	24	25	21	25	21	24	24	21
Hostomitz, 4 years.....	170	144	89	35	23	27	25	22	23	26	23	26	23	23	17
Remagen, diluvial horse, after Nehring, 10 years.....	169	..	..	37	24	29	29	27	29	25	29	26	29	27	26
Remagen diluvial horse, after Schwarze.....	..	..	..	38	24	30	30	28	28	28	28	28	26	22	22
Thiede diluvial horse, after Nehring, 6 years.....	..	..	..	38	26	31	29	..	..	26	27	26	26	26	23
Westeregeln diluvial horse, after Nehring, old.....	..	..	..	(?)	(?)	29	29	28	30	26	27	26	27	26	25
<i>Equus przewalskii</i> , after Salenski.....	170-185	..	..	37	25	29	29	27	29	21	23	21	22	30	23
<i>Equus przewalskii</i> , Mus. Bern.....	..	..	..	40	21	27	23	..	..	..	..	..	..	..	..
Indian horse, after Nehring, 7 years, Mus. Berlin.....	154	..	..	37	23	26	26	23	25	22	25	23	25	25	23
Arabian horse, after Nehring, 7 years.....	168	..	..	38	26	29	27	27	27	24	27	25	27	26	24
Grisonian horse, after Nehring, 8 years.....	174	..	..	38	25	28	27	27	27	26	27	26	26	27	25
Pinzgau (Tyrol) horse, after Nehring, 10 years.....	181	..	..	38	25	30	28	29	28	27	27	27	26	30	25
Holstein horse, after Nehring, 10 years.....	169	..	..	38	25	29	27	28	28	26	27	25	27	28	24
Dutch horse, after Nehring, 30 years old.....	174	..	..	37	23	28	26	27	27	23	27	26	27	34	25