

	Domestic horse		Fossil horse	
	Dimensions	Indices	Dimensions	Indices
Greatest length.....	98	100	76	100
Side-to-side diameter of upper end...	58	59.2	43	56.5
Fore-and-aft width of upper end....	42	42.8	34	44.7
Side-to-side width at mid-length....	36	36.7	29	38.2
Fore-and-aft width at mid-length....	28	28.5	27	35.5
Side-to-side width at lower end.....	43	43.9	37	48.7

two bones were not found together. In the U. S. National Museum these bones have the catalogue numbers 11224 and 11224a.

In the collection are the outer enamel faces of two upper left molars, probably first and second, of one horse, and the outer enamel face of a lower right second molar of perhaps another horse. All of these belonged to a young horse or horses and are little worn. No remnants of the inner valley or of the fossettes are present. The height of one upper outer face is 79 mm.; that of the other, 85 mm. The length of the grinding surface, taken at about half the height, was close to 27 mm.; the styles are 6 mm. wide. The surfaces between the styles are mostly flatter than usual in horses. The lower molar represented by its outer face is 90 mm. high. About the rear half of the protoconid and the whole of the hypoconid are present, the latter being 15 mm. wide. It is not certain that it was found near the upper molars and it may belong to a larger horse. The fact that all are little worn teeth and are preserved in the same way is in favor of their belonging to the same individual. These teeth are figured on plate v, figures 4 and 5.

The writer does not risk the specific identification of these bones and teeth. The teeth, so far as represented, resemble much those described from Manhattan, Nevada, as *Equus nevadanus*.

Besides the remains of the small horse above described, there is a second phalange, somewhat damaged, of a horse which was about the size of the average domestic animal.

Wellington, Douglas County (4)—In 1864, J. E. Clayton reported (Proc. Calif. Acad. Sci., vol. III, p. 171) that at Wellington Station on the Carson River and Aurora Railroad, and along Walker River, several horse teeth and a tooth of an elephant had been exhumed. Only 2 of the horse teeth were secured by Mr. Clayton, and these and the elephant teeth were presented to the California Academy of Sciences. The geology of the locality is briefly described on page 152.

Carson, Ormsby County (5)—In 1883, Dr. Joseph Le Conte (Nature, vol. xxviii, pp. 101-102) described the occurrence of footprints of various animals at Carson. Besides the footprints he stated that teeth of two species of horses had been found in the course of excavations made in the prison yard. The species mentioned are *E. pacificus* and *E. occidentalis*. The accompanying species and supposed species of other mammals are given on page 151.