

Lomita, Los Angeles County (30)—About the year 1922 a small collection of fossil vertebrates was made near Lomita in an excavation effected in a search for fertilizing materials. Among the fossils secured were several teeth of the horse *Equus occidentalis* (Jordan and Hanna, Bull. S. Calif. Acad. Sci., vol. xxii, p. 65, pl. ix, fig. c). A list of the associated species and a description of the geology will be found on page 174.

San Pedro, Los Angeles County (31)—In 1912, Professor Loye H. Miller wrote (Bull. Dept. Geol. Univ. Calif., vol. vii, p. 115) that remains of *Equus* had been found in the Upper San Pedro Pleistocene at San Pedro, together with camel and bison and numerous other vertebrates. See the list on page 172. In Stock's list (Carnegie Inst. Wash. Pub. No. 331, p. 118) this horse is recorded as *Equus* near *occidentalis*.

Culver, Los Angeles County (32)—At a locality perhaps a mile east of Culver was found, about 1923, a toe bone of a horse (Stock, in Science, n. s., vol. lx, p. 4). Beneath 9.5 feet of soil, peat and peaty earth, is a 3-foot bed of greenish micaceous sandy clay with numerous stems or roots. In this clay was found a fragmentary toe bone of a horse. At a depth of about 18 feet a tibia of a camel is said to have been discovered.

San Diego, San Diego County (33)—In the American Museum of Natural History is a single horse tooth which was sent by Mrs. Rosa Smith Eigenmann. Cope identified the tooth as that of *Equus excelsus*, but it probably belongs to *E. occidentalis*. It is much worn, the height being only 29 mm. On the worn face the length is 26 mm.; the width, 26 mm. The disposition of the enamel is simple. The writer learns from Mrs. Eigenmann that the tooth was reported as found in a well on Coronado Beach. Nothing more is known about it.

OREGON

(Map 9)

Gladstone, Clackamas County (1)—Mrs. McCornack reported that a tooth of *Equus* had been discovered in the town of Gladstone, near Portland. The locality was on the river bench 0.5 mile from the river bridge. The tooth was found in gravel in a well at a depth of 25 feet. It was owned by J. B. Winstanley, of Portland.

Newberg, Yamhill County (2)—Mrs. McCornack (op. cit.) reported that there is in the University of Oregon a tooth of *Equus* which had been found near Newberg, 12 feet below the bed of Willamette River. The catalogue number is 344.

Through the kindness of Mrs. McCornack the writer has been enabled to examine this tooth. It appears to have belonged to *Equus pacificus* and is apparently a premolar, the third or fourth, of the upper jaw, right side.

Dundee, Yamhill County (3)—Mrs. McCornack further reported that an *Equus* tooth had been found in a plowed field 2.5 miles southwest from Dundee. The locality is in section 3, lot 4, township 4 south, range 3 west. The tooth is in the University of Oregon and has the catalogue number 466. The writer has had the opportunity to examine this tooth also. It is the upper left second premolar and is regarded as having belonged to *Equus pacificus*. The grinding face is 30 mm. long and is very little prolonged in front of the