

- O——— diversus.
 α clarus.
 β platydactylus.
 O——— tetradactylus.
 O——— palmatus.
 O——— minimus.

Specific Descriptions.

O. giganteus. Toes three; length of the foot, fifteen inches, exclusive of the claws. In one specimen, the claw is at least two inches long, and even then a part of it appears to be missing: in general it is not more than one inch, but seems to be broken off. The whole length of the foot, consequently, is sixteen or seventeen inches! Length of the successive steps, between four and six feet! toes somewhat tuberculated; the inner one, in some specimens, distinctly exhibiting two protuberances, and the middle one three, although less obviously. Average thickness of the toes, one inch and one fourth; breadth of do. two inches. Occurring only at the quarry in Northampton, on the east side of Mount Tom, where it is abundant. I found in one spot, six tracks of this species in succession, the average distance between them, being four feet. This case is represented in Fig. 1, along with three other tracks of the same size, and one of smaller size, on the same rock. Indeed, I suspect from the numerous examples which I have seen of tracks at the distance of four feet, that this was the ordinary step of the bird when walking; while it was able to lengthen it to six feet, when moving rapidly. The examples where the steps are six feet, are not common.

In one part of the quarry above referred to, I found the steps of four individuals of this species, all pointing in the same direction, and nearly parallel to one another; showing that four birds must have moved along nearly together; and rendering it probable, that this species was gregarious. The distance between the several rows of tracks, is four or five feet. An attempt is made in Fig. 21, to represent the *O. giganteus* of the natural size, as it extends out in bold relief, on a specimen in my possession. The claws are broken off. It is the under side of the foot, that is shown in the figure. Incredible almost as this description may seem, the specimens which I have obtained of this enormous species, are nevertheless more satisfactory, perhaps, than of any other species. The whole