From the information of Indians and hunters who have frequently visited this part of the country, as also from the account given by Dr. James, relative to this Peak, it appears that no person, either civilized or savage, had ever ascended it to its summit, and that the ascent was deemed by them utterly impracticable. Dr. James having accomplished this difficult and hazardous task, I have thought proper to call the Peak after his name, as a compliment, to which his zeal and perseverance, together with the skilful attention with which he has examined its character and productions, give him the fairest claim. Pike has indeed given us notice that there is such a Peak, but he only saw it at a distance. The unfavourable circumstances under which he came into its neighbourhood, preventing his arrival, even at its base. He attempted to ascertain its altitude, but it is believed that his estimate is very erroneous. 

Extract from Major Long's MS. Notes, July 15th, 1820.

While it is quite probable that the Peak had not been surmounted by white men, nor by visiting Indians, prior to the exploit of Dr. James and his companions, the idea that it had never been ascended by one of the aborigines, the Mountain Utes, seems less so. That at least one great Peak in Colorado higher and more difficult of attainment than that of Pike's Peak had been visited by an Indian prior to its first ascent known attainment by white men, is witnessed by the following extract from Mr. Franklin Rhoda's interesting account of an ascent of Blanca Peak, near Fort Garland, by himself and topographic party, June 19, 1875:

"The summit of the mountain was a model one, about 10 feet in width, and covered with finely broken rock of a very hard, dark variety. The only relics of former visitants consisted of a curious circular excavation 6 to 8 feet across, surrounded by a wall of loose rock 1 to 2 feet high, which must have been the work of an Indian; but now an Indian could have climbed up there, I cannot imagine. But why did it, is still less explicable. It would be useless as a lookout, since it is 7,000 feet above the base and nearly 10 miles distant from the nearest point of the valley. It could not have been used in hunting game, since, with the exception of the Rock-dog, we never saw any evidence of that either sheep or bear had ever visited the place. The latter animal often scratches a bed in the rocks on the high peaks, but the excavation here was too large and regular to have been his work. In the center of the circle was a well built monument of loose stones about 3 feet high, in which we found a printed form, on the back of which a short note was written in pencil and signed J. T. (J. Thompson). In this, Mr. Thompson says that, excepting the Indian relic, he had found no evidence of the peak having been previously visited. I understand that he staid all night on the summit, which must have been a strange experience."

The rock-work described by Mr. Rhoda, seems to be quite like that recently common, and some of which still remains, in the Rocky Mountains of Colorado, which have been built by the Utes for defensive purposes and as lookouts, if we except the unusual elevation and inaccessibility of its location. It may have been built as a resort of emergency, by hard-pressed refugees. The latter indeed having an important lookout from which to watch the movements of large bodies of the enemy, in time of war, such bodies being visible at great distances. While it frequently appeared in print after the publication of the Account of the expedition, the name seems never to have been adopted for Pike's Peak by the traders and trappers who roamed the Rocky Mountain wilderness, and these seem at first (Fowler, 1821) to have called it 'Grand Peak,' one of the several names used for it by Pike, and later, when a personal name was to be attached to it, to have insisted with that love of fair play for which the mountain men were ever noted, that that name should be the name of Pike, whom they regarded as its real discoverer. Pike's name seems to have been in current use as the name of this mountain, among these men, and at the frontier town of Independ-
dence, Missouri, at least as early as 1832, but just how much
earlier, we do not know.

Though the names "Mount Pike" and "Pike's Peak" occurred in print
at least as early as the middle thirties, it seems not to have been
until after the use of the latter name by Captain J. C. Fremont, in the
official reports on his Rocky Mountain expeditions of 1842 and 1843-
'44, that literary usage finally crystallized in favor of the name,
Pike's Peak. In an attempt, but a few years before this, to make
popular Dr. James' name stick where it would not, one traveler
(Thomas J. Parnham, 1839) went so far as to transfer the name "Pike's
Peak" to the Spanish Peaks.

When the fate of the matter became apparent, attempts were made,
to transfer the name, "James' Peak" elsewhere; the (apparently)
first of these were unsuccessful. Thus, under date of June 30, 1846,
in the journal of Edwin Bryant*, we read, "We have passed to-day Laramie,

"Published in 1849, under the title, "What I Saw in California;
Being the Journal of a Tour Thither in the Years 1846, 1847." (2 maps.)
12mo. cl.

or James's Peak, and what are called the Black Hills." The application
of James' name to a peak visible from the Oregon Trail, in the
North Platte country, where Dr. James had never been, and to one which
had long been known as "the Peak of the Black Hills", was manifestly
inappropriate, and unlikely to survive; and it failed to do so.

The name also seems sometimes (as by Lieut. Beckwith in the fifties)
apparently to have been used.

* Footnote 38th and 39th Parallels, p. 10; but in his Rep.

Finally settled present the common meeting point of three Colorado counties,
—Gilpin, Clear Creek and Grand,—less than 30 miles southerly from
Long's Peak, in a part of the Front Range which was viewed, though at
a distance, by Long and James, and in which it is fitting that both
should have namesakes. This latest James Peak is

Lippincott's Gazetteer of the World.
elevation, as determined by the Hayden Survey, is 13,273 feet.

(Continued on 36d)
"The creek on which the party encamped during the three days occupied in making the excursion above detailed, is called Boiling-spring creek, having one of its principal sources in the beautiful spring already described. It is skirted with a narrow margin of cottonwood and willow trees, and its banks produce a small growth of rushes on which our horses subsisted while we lay encamped here. This plant, the common rush (Equisetum hiemale, L.), found in every part of the United States, is eaten with avidity by horses, and it is often met with in districts where little grass is to be had. When continued for a considerable time, its use proves deleterious.

"The recent tracks of a grizzly bear were observed near the camp, and at no great distance one of those animals was seen and shot at, by one of the hunters, but not killed.

"In the timber along the creek, the sparrow hawk, mocking bird, robin, red-head woodpecker, dove, winter wren, towhe-bunting, yellow-breasted chat, and several other birds were seen.

"Orbicular lizards [Phrynosoma] were found about this camp, and had been once or twice before noticed near the base of the mountains.

"A smoke supposed to be that of an Indian encampment was seen, rising from a part of the mountain at a great distance towards the northwest. It had been our constant practice since we left the Missouri, to have sentinels stationed about all our encampments, and whenever we were not on the march by day, and until nine o'clock in the evening, it was the (Continued on 37.)
duty of one of the three Frenchmen to reconnoitre at a distance from
camp in every direction, and to report immediately when anything should
be discovered, indicating that Indians were in the vicinity. Precau-
tions of this kind are highly necessary to prevent surprisal, and are
invariably practised by the Indians of the west, both at their villages
and on their march.

"On the 14th, Lieutenant Swift returned to camp, having performed the
duties on which he was sent.

"A base was measured near the camp, and observations taken for ascer-
taining the elevation of the Peak. These are detailed in the appen-
dix to this volume, and in Major Long's report may be seen an account
of the method used to estimate the actual elevation of the point at
which these observations were made. The entire elevation of the
Peak above the level of the ocean, ascertained in the manner there de-
scribed, is eleven thousand five hundred feet."

From the appended account of the manner in which these observations
were made, recorded in the appendix, it will be seen that this very
erroneous estimate of the height of Pike's Peak was due, not to any
serious error in Lieutenant Swift's measurement of the altitude of the
Peak, relative to the camp near Fountain village, but chiefly to the
faulty estimate of the elevation of the lower Platte canon
above sea level; the latter and the camp near Fountain, having been
tacitly assumed equal. The statement in the appendix, is as follows:

"At our camp on Boiling-spring Creek, at the distance of about 25
miles from James's Peak (the same designated by Pike as the Highest
peak,) trigonometrical observations were made for determining the
height of the peak above the level of the adjacent country. A base
of 1049 1/2 feet was accurately measured, and angles taken at its
extremities, to ascertain another side of the triangle, to serve as a
base to determine the height of the mountain. The angles at the
extremities of the primary base, corrected for the index and error of
sextant, were 98° 32' 15" and 86° 35' 25' 45" — and the extent of
the secondary base, as found by calculation, 13337.25 feet. The angles
taken at the extremities of the secondary base, included between that
line and the lines of vision, to an object distinctly visible at the
summit of the peak, were 96° 21' 15" and 86° 17' 45", corrected as
above. The angle of elevation of the top of the peak, observed at
the summit of the secondary base, most remote from the peak, was
3° 41' 15" corrected also for index error of sextant. The final
result of these observations, gives for the height of the peak above
the plain in which the observations were made, 8507 1/4 feet.

"In order to ascertain with precision, the angle of elevation of the
peak, an artificial horizon of water was employed, and the dou-
bale angle of elevation observed. The angle of elevation as it stands
corrected for refraction, is 3° 39' 26". The estimate as above
gives the height of the peak above the true level of the place of ob-
servation, no correction having been made for the spherical figure of
the earth."
Allowing the perpendicular fall of the river Platte, from the mountains to its mouth, to be on an average nineteen inches per mile, (which appears reasonable from the rapidity of its current compared with that of the Missouri,) the fall of the Missouri from the place where it receives the Platte to its mouth, to be 16 inches per mile, which agrees with the result from leveling at Engineer Cantonment — and that of the Mississippi from the mouth of the Missouri to the Gulf of Mexico to be 12 inches per mile, it would give for the height of the Platte at the base of the mountains, say at the place of the above observations, 3000 feet above the level of the ocean, and consequently the height of James's Peak would be 11507½ above the same level."

The true height of Pike's Peak above sea level, as given in the latest (1906) edition of Gannett's Dictionary of Altitudes, is, by observations of the United States Weather Bureau, 14,111; and by United States Coast and Geodetic Survey measurements, 14,108 feet.

The elevation of the D. & R. J. railway station is 5,533 feet; and the average fall of the Fountain creek valley in the three miles between Colorado Springs and Fountain (D. & R. J. stations, as per same Dictionary), is 32 feet to the mile. Long's observation camp (located, as per intersection of its given Pike's Peak bearing, on Fountain creek, about two miles above Fountain station) was therefore approximately 5627 feet. Adding to this, Swift's measurement, 8507 feet, as the height of the Peak above camp of observation, gives 14,134 feet as the elevation of Pike's Peak above sea level. If we bear in mind that, even as late as 1891, the United States Signal Office's measurement, 14,147 feet, was accepted as the correct elevation of Pike's Peak, we must concede that Lieutenant Swift's measurement was — not merely for that early day, but even as judged by modern standards — remarkably accurate; and that the responsibility for the expedition's great underestimate, 26 feet, of Pike's Peak, rests with those who combined and the Lieutenant's most accurate measurement with the very erroneous estimate of 3000 feet as the elevation of the Platte and Arkansas waters at base of the Rocky Mountains in the Pike's Peak region.

Continuing the narrative of the expedition, Doctor James says, "Complete sets of observations for latitude and longitude were taken, which gave 38° 18' 9" north, and 105° 39' 49" west from Greenwich, or 28° 39' 45" from Washington, as the position of our camp. The bearing of the Peak from this point is north, 57° west, and the distance about twenty-five miles."

But of the above figures, those for latitude and longitude are both quite erroneous, and on referring to the tables in the appendix, of the
we find that the Doctor has, inadvertently, substituted the figures for latitude and longitude of the camp of July 28th on upper Arkansas river, and that the real figures of the observations made for latitude and longitude of Fountain camp, are not to be found in either the main narrative or the appendix.

"In all the prairie-dog villages we had passed, small owls had been observed moving briskly about, but they had hitherto eluded all our attempts to take them. One was here caught, and on examination found to be the species denominated Coquimbo, or burrowing owl, (Strix cunicularia).

"This fellow citizen of the prairie dog, unlike its grave and reclusive congener, is of a social disposition, and does not retire from the light of the sun, but endures the strongest mid-day glare of that luminary, and is in all respects a diurnal bird. It stands high upon its legs, and flies with the rapidity of the hawk. The Coquimbo owl, both in Chili and St. Domingo, agreeably to the accounts of Molina and Vieillot, digs large burrows for its habitation and for the purposes of incubation; the former author gives us to understand that the burrow penetrates the earth to a considerable depth, whilst Vieillot informs us that in St. Domingo the depth is about two feet.

"With us the owl never occurred but in the prairie-dog villages, sometimes in a small flock, much scattered and often perched on different hillocks, at a distance, deceiving the eye with the appearance of the prairie dog itself in an erect posture. They are not shy, but readily permit the hunter within gunshot, but on his too near approach, a part or the whole of them rise upon the wing, uttering a note very like that of the prairie dog, and alight at a short distance, or continue their flight beyond the view.

"The burrows, into which we have seen the owl descend, resembled in all respects those of the prairie dog, leading us to suppose either that they were common, though perhaps not friendly occupants of the same burrow, or that the owl was the exclusive tenant of a burrow gained by the right of conquest. But it is at the same time probable that, as in Chili, the owl may excavate his own tenement.

"From the remarkable coincidence of note, between these two widely distinct animals, we might take occasion to remark, the probability of the prairie dog being an unintentional tutor to the young owl, did we not know that this bird utters the same sounds in the West Indies, where the prairie dog is not known to exist."