Incidents of Travel and Adventure in the Far West

With Col. Fremont's Last Expedition

Across the Rocky Mountains; including three months' residence in Utah, and a perilous trip across the

Great American Desert to the Pacific.

by S. N. Carvalho,

artist to the expedition, 1856.

Solomon N. Carvalho
Daguerreotype, 1850.
From the **Library of Congress Daguerreotype Collection**

PREFACE

Incidents of Travel and Adventure in the Far West

In preparing this volume for publication, I have not followed any established system of arrangement.

The incidents are most of them transcripts from original letters, written in the familiar style of friendly correspondence.

The description of a journey from Great Salt Lake City to San Bernandino, is an exact copy from my journal, written after many days of wearisome travel.

The Mormon Episodes, I have tendered almost verbatim from personal relations by the parties themselves, said not from "hearsay."

While the Latter-day Saints publicly adopt every opportunity to openly avow and zealously propagate the System of Polygamy – in direct opposition to the established and acknowledged code of morality, as practised by all civilized nations – I but exercise my prerogative in exposing some of its abuses, which I consider destructive to morality, female delicacy, and the sanctity of marriage.

Chapter 1.

Incidents of Travel and Adventure in the Far West

First Introduction to Col. Fremont—Author's previous Opinion of Him—His Impulsive Resolution to accompany Col. Fremont, as Artist of the Exploring Expedition across the Rocky Mountains.

On the 22d August, 1853, after a short interview with Col. J. C. Fremont, I accepted his invitation to accompany him as artist of an Exploring Expedition across the Rocky Mountains. A half hour previously, if anybody had suggested to me, the probability of my undertaking an overland journey to California, even over the emigrant route, I should have replied there were no inducements sufficiently powerful to have tempted me. Yet, in this instance, I impulsively, without even a consultation with my family, passed my word to join an exploring party, under command of Col. Fremont, over a hitherto untrodden country, in an elevated region, with the full expectation of being exposed to all the inclemencies of an arctic winter. I know of no other man to whom I would have trusted my life, under similar circumstances.

Col. Fremont's former extraordinary explorations, his astronomical and geographical contributions to the useful sciences, and his successful pursuit of them under difficulties, had deeply interested me, and aided in forming for him, in my mind, the *beau ideal* of all that was chivalrous and noble.

His conquest of California, appointment as Governor by Commodore Stockton, the jealousy and persecution by General Kearney for not acknowledging him instead of Commodore Stockton as commander-in-chief, his court-martial and subsequent finding of the court, are matters of American history, and they reflect no dishonor on the individual who was a distinguished example of the ingratitude of republics.

The recognition of his claims on the American public by the citizens of Charleston, S. C., who presented him with an elegant sword and golden scabbard, satisfied me that I had formed no incorrect estimate of his character, and made me feel an instinctive pride that I, too, drew my first breath on the same soil that gave birth to heroes and statesmen.

Entertaining those feelings, the dangers and perils of the journey, which Col. Fremont pointed out to me, were entirely obscured by the pleasure I anticipated in accompanying him, and adding my limited skill to facilitate him in the realization of one of the objects of the expedition—which was to obtain an exact description of the face of the country over which we were to travel.

The party consisted of twenty-two persons; among them were ten Delaware chiefs; and two Mexicans. The officers were: Mr. Egloffstein, topographical engineer; Mr. Strobel, assistant; Mr. Oliver Fuller, assistant engineer; Mr. S. N. Carvalho, artist and daguerrotypist; Mr. W. H. Palmer, passenger.

The expedition was fitted out, I think, at the individual expense of Col. Fremont.

Chapter 2

Incidents of Travel and Adventure in the Far West

Preparations for the Journey—Daguerreotype Outfit—Scientific Knowledge required—Departure from New York—Alden's Preserved Food—Esteem of Col. Fremont's former Companions for him—Arrival at St. Louis—Steamboat F.X. Aubrey—*Compagnons de Voyage*—Arrival at Kansas.

THE preparations for my journey occupied about ten days, during which time I purchased all the necessary materials for making a panorama of the country, by daguerreotype process, Over which we had to pass.

To make daguerreotypes in the open air, in a temperature varying from freezing point to thirty degrees below zero, requires different manipulation from the processes by which pictures are made in a warm room. My professional friends were all of the opinion that the elements would be against my success. Buffing and coating plates, and mercurializing them, on the summit of the Rocky Mountains, standing at times up to one's middle in snow, with no covering above save the arched vault of heaven, seemed to our city friends one of the impossibilities—knowing as, they did that iodine will not give out its fumes except at a temperature of 70º to 80º Fahrenheit. I shall not appear egotistical if I say that I encountered many difficulties, but I was well prepared to meet them by having previously acquired a scientific and practical knowledge of the chemicals I used, as well as of the theory of light: a firm determination to succeed also aided me in producing results which, to my knowledge, have never been accomplished under similar circumstances.

While suffering from frozen feet and hands, without food for twenty-four hours, travelling on foot over mountains of snow, I have stopped on the trail, made pictures of the country, repacked my materials, and found myself frequently with my friend Egloffstien, who generally remained with me to make barometrical observations, and a muleteer, some five or six miles behind camp, which was only reached with great expense of bodily as well as mental suffering. The great secret, however, of my untiring perseverance and continued success, was that my honor was pledged to Col. Fremont to perform certain duties, and I would rather have died than not have redeemed it. I made pictures up to the wry day Col. Fremont found it necessary to bury the whole baggage of the camp, including the daguerreotype apparatus. He has since told me that my success , under the frequent occurrence of what he considered almost insuperable difficulties, merited his unqualified approbation.

I left New York on the 5th September, 1853, having in charge the daguerreotype apparatus, painting materials, and half a dozen cases of Alden's preserved coffee, eggs, cocoa, cream, and milk, which he sent out for the purpose of testing their qualities. There was in them sufficient nourishment to have sustained twenty men for a month. I purchased a ticket by the Illinois River to St. Louis, but the water was so low in the river that it was deemed advisable to cross over to Alton by stage, as I was afraid of being detained. The cases of instruments were very heavy, and the proprietor of the stage refused to take them; it being night, I remonstrated with him, telling him of the importance that they should arrive at St. Louis; he peremptorily refused to take them. I , of course, had to succumb, and remarked inadvertently how disappointed Col. Fremont would be in not receiving them. At the mention of Col. Fremont's name, he asked me if those cases were Fremont's? I told him, yes . He sang out for his boy to harness up an extra team of horses, and stow away the boxes. "I will put them through for Fremont, without a cent expense. I was with him on one of his expeditions, and a nobler specimen of mankind does not live about these parts." I was put through in good time, but he would nor receive a cent for my passage, or freight of the boxes, which together would have amounted to eight dollars.

I arrived at St. Louis at twelve o'clock. Col. Fremont was at Col. Brant's house, where I immediately called. The Colonel was very glad to see me; he had telegraphed several times, and I had been anxiously expected. We left that same afternoon in the steamer F. X. Aubrey, for Kansas. On board, I found Mr. Egloffstien, the topographical engineer, Mr. Oliver Fuller, and Mr. Bomar, the photographist. Our journey was somewhat protracted by the shallowness of the water in the river, and we did not arrive at Kansas until the 14th.

Chapter 3.

Incidents of Travel and Adventure in the Far West

Landing of Camp Equipage—Westport—First Camp Ground—Preparations—Extortion—Author and Companions—First Daguerreotypes—Rain Storm—Distribution of Arms and Ammunition—Engagement of Delaware Chiefs—Branding of Animals—California Saddle-Horses—Selects his Pony—Becomes his own Ostler—Description of Catching a Mule on the Mountains—Examination of Camp Equipage—Trial Start—First Camp.

WHEN we landed, we met Mr. Palmer and several of the men who were to accompany the Expedition as muleteers, etc. The equipage of the camp that had been previously shipped from St. Louis, had arrived safely. As soon as our baggage was landed, it, together with the rest of the material, was transported by wagons to camp near Westport, a few miles in the interior.

Our tents were raised, and active preparation for our journey was immediately commenced. Several droves of mules came in next day from which Col. Fremont selected a few. Very near two prices were exacted by the owners; it being necessary that we should proceed without delay, we were obliged to submit to extortion.

Mr. Egloffstien, Mr. Bomar and myself, found comfortable quarters at a hotel where we put up, in order to be ready for the journey, our various apparatus.

Mr. Bomar, proposed to make photographs by the wax process, and several days were consumed in perparing the paper, etc. I was convinced that photographs could not be made by that process a quickly as the occasion required, and told Col. Fremont to have one made from the window of our room, to find out exactly the time. The preparations not being entirely completed, a picture could not be made that day; but on the next, when we were all in camp, Col. Fremont requested that daguerreotypes and photographs should be made. In half an hour from the time the word was given, my daguerreotype was made; but the photograph could not be seen until next day, as it had to remain in water all night, which was absolutely necessary to develop it. Query, where was water to be had on the mountains, with a temperature of 20º below zero? To be certain of a result, even if water could be procured, it was necessary by his process, to wait twelve hours, consequently, every time a picture was to be made, the camp must be delayed twelve hours. Col. Fremont finding that he could not see immediate impressions, concluded not to incur the trouble and expense of transporting the apparatus, left it at Westport, together with the photographer. The whole dependence was now on me. Col. Fremont told in, if I had the slightest doubts of succeeding, it were better to say so now, and he would cancel the agreement on my part, and pay me for my time, etc.

On the night of the 20th, all hands slept in camp, a heavy rain-storm drenched us completely, giving to the party an introduction to a life on the prairies. The necessity of India-rubber blankets became evident, and I was dispatched to Westport to procure them. There were none to be had. I sent a man to Independence to purchase two dozen; he travelled thirty miles that night, and by ten next morning I had them in camp. They were the most useful articles we had with us; we placed the India-rubber side on the snow, our buffalo robes on the top of that for a bed, and covered with our blankets, with an India-rubber blanket over the whole—India-rubber side up, to turn the rain. We generally slept double, which added to our comfort, as we communicated warmth to each other, and had the advantage of two sets of coverings. During the whole journey, exposed to the most furious snow-storms, I never slept cold,

although when I have been called for guard I often found some difficulty in rising from the weight of snow coating on me.

The distribution of arms and ammunition to the men occupied a portion of the next day. Each person had a and Colt's revolver. Some of the Delawares had horsemen's pistols also. The messenger Col. Fremont sent to the Delaware camp returned, with a number of braves, some of whom had accompanied Col. Fremont on a former expedition—he selected ten, among whom was a chief named Solomon, who had been with him before, and for whom Col. Fremont felt a great friendship. They were entertained with dinner, and after a smoke, each had a small quantity of the brandy we brought for medicinal purposes. They left us, to make preparations for the expedition, and to join us near the Kansas River, about one hundred miles westward.

A most amusing scene, although attended with some pain to the animals, was enacted to-day; it was the process of branding them with a distinctive mark. We had an iron made with the letter F, which we used to designate ours from those belonging to others.

A long rope with a noose and slip knot was fastened round the neck of the mule, the other round a tree; two man with another rope twisted it about its legs, when with a sudden jerk it was thrown to the ground; the red hot iron is now applied to the fleshy part of the hip—a terrible kicking and braying ensues, but it was always the sign that the work was done effectually.

In California, the most beautiful and valuable saddle horses are branded with a large unseemly mark on some prominent part of the body or neck, which would in this locality depreciate the value of the animals. I selected an Indian pony for myself; he was recommended as being a first rate buffalo horse; that is to say, he was trained to hunt buffaloes This animal was given into my own charge, and I only then began to realize that I had entered into duties which I was unqualified to perform. I had never saddled a horse myself. My sedentary employment in a city,

never having required me to do such offices; and now I was to become my own ostler, and ride him to water twice a day, besides running after him on the prairie for an hour sometimes before I could catch him. This onerous duty I finally performed as well as my companions. Bnt, dear reader, follow me to a camp on the mountains of snow, where I exchanged my horse for a mule, at daylight, with the thermometer 20º below zero. Do you see, far away on the hillside, animal moving slowly? That is my mule; be is searching among the deep snows for a bite of blighted grass or the top of some wild bush to break his fast on. How will you get him? I will go for him; watch me while I tramp through the frozen snow. My mule sees me, and knowing that my errand is to prepare him for his day's journey, without first giving him provender to enable him to perform it, prefers to eat his scanty breakfast first, and moves leisurely along; his lariat, about thirty feet in length, trails along the ground. I have reached it, and at the moment I think I have him securely, he dashes away at a full gallop, pulling me after him through the snow; perfectly exhausted, I loose my hold; my hands lacerated and almost frozen. I lie breathless on the icy carpet. I am now a mile from camp, and out of sight of my companions.

I renew my exertions, and gently approach him; this time he stands quiet, and I gather the rope in my hand, and pat him for a low minutes, and then mount him bare backed. The life and activity he possessed a few moments before, is entirely gone; he stands like a mule in the snow, determined not to budge a step. I coax, I kick him. I use the other end of the rope over his head; he dodges the blow; but his fore-feet are immovably planted in the snow, as if they grew there. I, worn out, and almost frozen, remain chewing the cud of bitter reflection, until one of my comrades comes to seek and assist me; he goes behind the mule and gives him a slight touch *á posteriori*; when, awakening from his trance, he starts at a hard trot into camp, quietly submits to be saddled, and looks as

pleasantly at me as if he were inquiring how I liked the exercise of catching him. Similar scenes occurred daily; if it were not with myself it was with another. "Stubborn as a mule," is an o'er true adage, as I can fully testify.

A general examination of the equipage resulted in the knowledge that everything requisite for our journey, had been procured, and scales were in requisition to apportion the weight of luggage; 65 to 90 lb. at each mule. The personal luggage of the men was restricted to a certain number of pounds--and all useless apparel, books, etc., etc., were packed up and sent back to town. We intended to pack on mules all the way, and it was necessary to take as little as possible of what we did not absolutely require.

A trial start was made, and the cavalcade started in excellent order and spirits, and we camped at the Methodist mission, about six miles from Westport.

Chapter 4.

Incidents of Travel and Adventure in the Far West

Shawnee Mission--Indisposition of Col. Fremont--He returns to Westport--The Expedition proceeds onward--Sunrise on the Prairies--Meeting of our Delawares--Pottawatomie trading Post--author turns Carpenter--Expediency--A Kansas Blacksmith--"Astonishment"--Quarter Master--Persecution--Success against Conspiracy.

We remained at the Methodist Mission until the next day, when we proceeded to the Shawnee Mission, a few miles further, and camped for the night. It was at this spot that Mr. Max Strobel made his appearance. He had been attached to Col. Stevens' expedition, but had left it on account of some misunderstanding with the officer in command. He requested Col. Fremont to allow him to accompany his expedition as a volunteer, and he would contribute his services as assistant topographer, &c. Col. Fremont hesitated, as his company was complete, but finally yielded to his continued entreaties. Col. Fremont, who had been slightly indisposed during the day, finding himself worse, decided to return to Westport, requesting us to continue on our journey until we met the Delawares, and then to encamp and await his return. The Col. returned to Westport, accompanied by Mr. Strobel, for whom it was necessary to purchase an outfit.

24th.—We travelled during this day on the open prairie. The weather was hazy and considerable rain fell during the last twenty-four hours; we camped on the open plains for the first time. At dawn of day I was up; I found the weather perfectly clear; and in breathless expectation of seeing the sun rise, I saddled my pony, determined to ride away from the camp—made my way through the long grass, for a considerable distance, before I perceived any inclination on the part of the majestic king of day to awake from his royal couch. Gradually the eastern horizon assumed a warmer hue, while some floating clouds along its edge, developed their form against the luminous heavens. The dark grey morning tints were superseded by hues of the most brilliant and gorgeous colors, which almost as imperceptibly softened, as the glorious orb of day commenced his diurnal course, and illumined the vault above; a slight rustling of the long grass, caused by a deliciously pleasant zephyr, which made it move in gentle undulation, was all that disturbed the mysterious silence that prevailed. I alighted from my pony, and gave him the range of his lariat. I perceived, that he preferred a breakfast of fresh grass, to the contemplation of the sublime scene around me, in which be seemed totally indifferent.

My heart beat with fervent anxiety, and whilst I felt happy, and free from the usual care end trouble, I still could not master the nervous debility which seized me while surveying the grand and majestic works of nature. Was it fear? no; it was the conviction of my own insignificance, in the midst of the stupendous creation; the undulating grass seemed to carry my thoughts on its rolling surface, into an impenetrable future;—glorious in inconceivable beauty, extended over me, the ethereal tent of heaven, my eye losing its power of distant vision, seemed to reach down only to the verdant sea before me.

There was no one living being present with whom I could share my admiration. Still life, unceasing eternal life, was everywhere around me. I was far way from the comforts of my home, not even in sight of a wigwam of the aboriginal inhabitants of the forests.

A deep sigh of longing for the society of man wrested itself from my breast. Shall I return, and not accomplish the object of my journey? No. I cannot ;does not the grass, glittering in the morning dew in the unbroken rays of the sun, beckon me a pleasant welcome over its untrodden surface. I will onward, and trust to the Great Spirit, who lives in every tree and lonely flower, for my safe

arrival at the dwelling of my fellowmen, far beyond the invisible mountains over which my path now lies.

27th.--To-day we met our Delawares, who were awaiting our arrival. A more noble set of Indians I never saw, the most of them six feet high, all mounted and armed *cap-a-pie*, under command of Captain Wolff, a "Big Indian," as he called himself. Most of them spoke English, and all understood it. "Washington," "Welluchas," Solomon," "Moses," were the names of some of the principal chiefs. They became very much attached to Col. Fremont, and every one of them would have ventured his life for him.

Near the principal town of the Pottawatomies we remained encamped until the end of September, awaiting Col. Fremont. Two or three stores with no assortment of goods, and about thirty shanties make up the town. I went to every house in the place for a breakfast, but could out get anything to eat except some Boston crackers, ten pounds of which (the whole supply in the town) I bought. My ride into the town was for the purpose of having strong boxes made to carry my daguerreotype apparatus. The baskets in which they had been packed being broken and unfit for use. There was not a carpenter, nor any tools to be had in town. There was a blacksmith's about ten miles from town, where it was likely I could procure them. It being absolutely necessary that I should have the boxes, I induced one of our Delawares to accompany me, carrying on our horses a sufficient quantity of dry goods box covers and aides to manufacture them. When we arrived at the blacksmith's house, the proprietor was absent. His wife, an amiable woman, prepared dinner for us, and gave us the run of the workshop where I found a saw and hatchet; with these instruments I made the boxes myself, and by the time they were finished, the blacksmith returned. He refused to receive pay for my dinner, but charged for the nails, raw hide, etc., I covered the boxes with, and the use of his tools. The lady told me I was the first white man she had seen, except her husband, in three years. I gave some silver to the children, and mounting our horses, with a huge box before us on our saddles, we slowly retraced our way to camp, where we arrived at dark.

Nobody in camp knew my errand to town, and I never shall forget the deep mortification and astonishment of our muleteers when they saw my boxes. All their bright hopes that the apparatus would have to be left, were suddenly dissipated. The expenses attendant on the manufacture of the boxes, and the material, were nearly five dollars, which I requested our quarter-muster to pay, as Col. Fremont left him money for disbursement; he refused, at first, but was finally induced to do so under protest. I have every reason to believe that my baskets were purposely destroyed; and but for my watchful and unceasing care, they would have been rendered useless. The packing of the apparatus was attended with considerable trouble to the muleteers, and also to the officer whose duty it was to superintend the loading and unloading of the mules; and they all wanted to be rid of the labor. Hence the persecution to which I was subjected on this account. Complaints were continually being made to Col. Fremont, during the journey, that the weights of the boxes were not equalized. Twice I picked up on the road the tin case containing my buff, &c., which had slipped off the mules, from careless packing--done purposely; for if they had not been fortunately found by me, the rest of the apparatus would have been useless. On one occasion, the keg containing alcohol was missing; Col. Fremont sent back after it, and it was found half emptied on the road.

I am induced to make these remarks to show the perseverance and watchfulness I had to exercise to prevent the destruction of the apparatus by our own men.

Chapter 5.

Incidents of Travel and Adventure in the Far West

Letter to W. H. Palmer—Fremont's Return to St. Louis, and increased Illness—Expedition under charge of Delawares—Camp Proceeds to "Smoky Hills"—Fort Riley—Solomon's Fork—First Buffalo—Barometers go on a Buffalo Hunt—Encampment on "Salt Creek"—Indian Method of Cooking Buffalo Meat—Olla Podrida—Wasting of Provisions—Kinnikinick—Havana Segars—Indian Amusements—Camp Life—Hewers of Wood and Drawers of Water—Author's Opinion of Col. Fremont—He Nominates him for the Presidency.

After remaining at this camp two days, Mr. Strobel arrived with a letter from Col. Fremont to Mr. Palmer, stating that his increasing illness made it necessary that he should return to St. Louis for medical advice, and directed us to proceed as far as Smoky Hills, and encamp on the Saline fork of the Kansas River, where there were plenty of buffalo, and remain there until he joined us, which he hoped would be in a fortnight.

The expedition, during encampment, was to be under the supervision of Mr. Palmer. Accordingly, we continued our journey, and crossed the Kansas River at its junction with the Republican, within half a mile from Fort Riley thence to Solomon's Fork, in crossing which creek, some of the baggage of the camp became saturated with water.

Immediately after crossing Solomon's Fork, we saw our first buffalo. As soon as he was discovered, our Delawares gave a whoop, and they all started, helter skelter, the officers and muleteers following, leaving the baggage animals to take care of themselves Our engineer, Mr.

Egloffstien, after the first excitement had passed, suddenly drew rein—I did so likewise.

He remarked, "I have been at full speed for a mile, with both barometers slung across my back."

I never saw any one look so alarmed as he did. I had exchanged ponies, to give him an easy-going animal, so as not to shake the instruments, and now his rashness had probably injured them. He alighted and examined them; luckily, they were well packed with cotton, and they were not at all disarranged, Our buffalo was soon killed; and that night we made an encampment on a beautiful site, near Salt Creek, and about four miles from the Kansas River, with buffalo steaks for supper.

[Extract from a Letter]

Dear S—:

We are now encamped, as it were, for a pleasure excursion, for all the day is employed in hunting, gunning, shooting at a mark with rifles, and preparing buffalo meat in all the modes in which it is said to be good.

I was much amused, the first day we encamped here, to see the Indians go into the woods on the creek, and bring out straight green

sticks, the size of a small walking-cane, and proceed to divest them of their outer peeling—also pointing them at both ends.

I soon discovered their use: they cut the buffalo meat in strips about an inch thick, four wide, and twelve to fifteen long. The stick is then inserted in the meat, as boys do a kite stick; one end of the stick is then stuck in the ground, near the fire, and the process of roasting is complete—the natural juice of the meat is retained, in this manner, and I think it the most preferable way to cook game. The breast of a fat antelope prepared thus is a most fitting dish for a hungry man.

Several kinds of game were brought into camp this evening, buffalo, antelope, and deer, by the Indians, and our most successful gunner, Mr. Fuller, brought in two wild turkeys, three ducks, a rabbit, and a prairie hen, the result of his day's sport. Our cook for the nonce is making a splendid Olla Podrida. This is our first week in camp, and we are living sumptuously—coffee, tea, and sugar three or four times a day.

I have no control of the commissariat department, but I very much fear that we shall want some of the good things which are now being inconsiderately wasted. Our quarter-master is determined to enjoy himself--his motto is "dum vivimus vivamus. "

While I am writing, I am smoking a pipe filled with "Kinnikinick," the dried leaves of the red sumach; it is pleasant and not intoxicating—a very good substitute for tobacco. The Delawares have been preparing some for their journey. They smoke it mixed with tobacco.

My quarter-box of Havanas are all gone, already; they were the only ones in camp, and every time I took out my pouch, I of course handed it round to my companions, which soon diminished my store. I close this letter by giving you a description of an Indian game, which our Delawares participated in last night.

A large fire of dried wood is brightly burning—around it sit, cross-legged, all our Delawares; behind them are the rest of us, standing looking on. I contributed the article (which was a large imitation seal ring, several of which I bought to exchange with the Indians for moccasins) with which they amused themselves. One of them took the ring, and while the rest are chanting Highya, Highya, he makes sundry contortions of his limbs, and pretends to place it in the hands of the one next to him. This one goes through with the same antics, until all have had it or are supposed to have had it. The first one then guesses who has the ring; if successful, he wins the ring; if not, he contributes tobacco for a smoke; a pipe is filled, which is generally a tomahawk with a bowl at the butt-end; the handle is hollow, and communicates with the bowl, thus forming a weapon of war, as well as the calumet of peace; each one takes two or three puffs and then passes it around.

Dear S—:

The duties of camp life are becoming more onerous as the weather gets colder. It is expected that each man in camp will bring in a certain quantity of fire-wood! My turn came to day, and I am afraid I shall make a poor hand in using the axe; first I have not the physical strength, and secondly, I do not know how. I managed by hunting through the woods to find several decayed limbs, which I brought in on my shoulder. I made three trips, and I have at all events supplied the camp with kindling wood for the night.

I certainly, being a "Republican," do not expect to warm myself at the expense of another; therefore, arduous as it is, I must, to carry out the principle of equality, do as the rest do, although it is not a very congenial occupation.

'Tis very strange how fallacious ideas of mankind obtain stronghold in the minds of those who should know better. The night previous to leaving home, I was asked how I could venture my life with such a man as Col. Fremont? "A mountaineer"—"an adventurer"—"a man of no education."

During my voyage up the Missouri, I had continued opportunities of conversing with Col. Fremont.

If you ever see Mr. - and Mrs. -, please say to them, that the character of Col. Fremont as a gentleman of "high literary attainments," "great mental capacity," and "solid scientific knowledge," is firmly established in my own mind.

These personal observations, added to the knowledge I gained of him from report, has brought me to the conclusion that he is not only a "man of education," but a "man of genius and a gentleman." One would suppose that the "conqueror of California," the successful commander and governor," would have a little to say about himself—some deeds to vaunt of—some battle to describe. I found him reserved, almost to taciturnity, yet perfectly amiable withal. No one, to see him, would ever imagine that a man of great deeds was before him.

My estimation of character is seldom wrong. I may have been imprudent in undertaking this journey, which already "thunders in the index," and on which I shall have to encounter many personal difficulties; but, if I felt safe enough to impulsively decide to accompany him, without personally knowing him—how much safer do I now feel from the short time I have known him!

All the men in camp have the same opinion of him.

Yesterday, while discussing the merits of the most prominent men who were likely to be placed before the people for the "next President," I mentioned the name of "Col. Fremont." It was received with acclamation, and he is the first choice of every man in camp. So you see I am safe enough with the man—it is only the mountains which are the "stumbling blocks." Yet I have full faith that I shall return once more to you in safety.

Chapter 6.

Incidents of Travel and Adventure in the Far West

Kansas Territory—Arkansas and Kansas Rivers—Tributaries—Timber—River Bottoms—Varieties of Game—Cereals—Coal—Geological Formation —Adventure in the Woods—Wild Grapes—Indian Method of procuring them—Brandy vs. Poison—Return of the Author's Brandy-flask—He turns Washerwoman—Novel Mode of Mangling Clothes—Lost Mule—Beaver Trappers—Rifle Practice

Kansas lies between the thirty-seventh and fortieth degrees of north latitude. The Indian Territory bounds it on the south, Utah and New Mexico on the west, Nebraska on the north, and Missouri on the east.

There are numberless streams of water in the Territory. The Arkansas which rises in the Rocky Mountains, runs nearly six hundred miles through it. Kansas River, which empties into the Missouri near Kansas City, has many forks of considerable size, viz., the Republican, Solomon Fork, Grand Saline Fork, Vermilion, Little Vermilion, Soldier Creek, Grasshopper Creek, Big Blue, Pawnee Fork, Walnut Creek, Wakarusa, and several others. The country is well watered, and on all the rivers grows timber of large size and in great variety. The river bottoms are very fertile, being covered with an alluvial black soil from twelve to twenty-four inches deep. The bottoms vary in width from four to seven miles.

Another bottom over which the waters must have once flowed, is elevated about sixteen feet from the river, and high up some sixty to seventy feet, lies the immense undulating prairie, teeming with buffalo, blacktail, deer, antelope, sage, and prairie chickens. Thousands of coyotes—a small wolf, make night hideous with their shrill discordant bark. The large white wolf is also found in great numbers on the rivers. We killed wild turkeys and ducks. The second bottoms are studded with groves of timber. The various kinds of oak, maple, elm, redflowered maple, black walnut, locust, beech, box, elder, wild-cherry, and cottonwood, attain a large size, and are to be found on the Kansas River and its many tributaries in quantities.

Grasses of a hundred different kinds, some of them rank and high, but the most of them possessing highly nutritive qualities, grow spontaneously on the prairies, and afford nourishment to immense quantities of game.

The water of the Kansas partakes in color of the character of the soil over which it passes. It is, I am inclined to believe, always turbid. I found it quite unfit for daguerreotype purposes, and had to preserve many of my plates until we approached the crystal streams from the Rocky Mountains, to finish them. During our long camp on Salt Creek, our topographical engineer and myself explored the country for miles. Coal in abundance is to be obtained with but little exertion; it many instances it crops out on the surface of the ground. The general character of the formation of this country is the same as Missouri—a secondary limestone.

Dear S—:

To-day we had a delightful jaunt through the woods which fringe the forests of Salt Creek. Cottonwood, oak, elm, ash, hickory, grow luxuriously, some of them to an immense height. Our Delaware that accompanied Egloffstien and myself suddenly stopped, and pointed upward. There, at a height of over one hundred feet, suspended between to oaks, were grapevines loaded with rich luscious

looking fruit.

How were we to obtain them? I could not climb so tall a tree. Mr. Egloffstien declined, and we both depended on our Delaware. He looked very grave and said: "Suppose Delaware want grapes, he know how to get them."

By this time our desire increased to obtain the prize, which seemed to say, "Come and take me." I commenced climbing one tree, and my friend the other. When we had exerted ourselves, and had earned the first limb, on which we stopped to rest, we heard a grunt from our Delaware, and almost at the same moment, the whole vine came tumbling down on his head. He purposely waited until we were in the trees, to see how "white men gathered grapes." He took hold of the grape vine , and with one tremendous pull, down it came; when we descended, he was quietly stowing away the choicest bunches in his hunting shirt. I never would have dreamed of destroying such a noble vine, to gratify my appetite.

The grapes were small, but sweet and well flavored. I ate a great many of them. I had been without fruit or vegetables for four weeks, and they were very grateful to me. I hope I shall not suffer for my imprudence. Good night.

Brandy versus Poison.

Previous to leaving New York, I had two tin flasks made, to contain about a quart each, which I intended to have filled with alcohol for daguerreotype purposes. At Westport, I purchased a quart of the best quality of old cognac, filled one of them for medicinal purposes, and carefully packed my flask in my daguerreotype boxes. One day during our camp at Salt Creek, one of our Indians being ill, I opened my flask and pouring out about an ounce, replaced it. I noticed, however, that a chemical action had taken place, turning the brandy exactly the color of ink. One of our mess saw me open my box and appropriate a portion of the contents of the bottle; I am not certain but that I tasted it myself.

The next day I had occasion to go to my box, when to my utter astonishment, my flask of brandy was gone. I immediately suspected the very person who afterwards proved to be the thief. Keeping my loss a secret, at dinner I carefully watched the countenances and actions of the whole party, and the effects of liquor were plainly visible on the person of this man.

"How excellent," said I, "would a bottle of old cognac be as a digester to our tough old buffalo bull. —Gentlemen, how would you like a drop?" "Bring it forward by all means, Carvalho. You have, I verily believe, Pandora's box; for you can produce everything and anything at a moment's notice, from a choice Havana to old brandy."

"With your leave, gentleman, I will procure it. I have two flasks exactly alike; one contains poison, a mixture of alcohol, and some poisonous chemicals for making daguerreotypes; the other contains the best brandy to be had on the Kansas River."

I went to my box, and turning up my bands with an exclamation of surprise, announced to the mess that the "bottle containing the poison, and which I laid on the top of my box last night, is missing." Like Hamlet I looked into the face of the delinquent, and I never shall forget his expression when I remarked that "the liquid in the purloined flask was poison, and perfectly black, and although it

would not kill immediately, an ounce will produce certain death in 48 hours."

"Gentlemen! I shall, in consequence, have to reserve the brandy to make another similar mixture, to substitute for alcohol; therefore I am sorry I cannot treat you as I intended."

Of course the innocent parties felt indignant that my flask had been stolen, and that one of their party was suspected.

The thief was discovered, although he nor any one else knew that I detected him. The next day I went to my box again, and in its proper place, I found my brandy flask about half full. Our friend had taken several strong pulls during the night and morning, and likely enough he looked at the contents, and finding them black as ink, believed all about the poison, and fearing to die, replaced the flask, without detection. When I discovered it, I showed it around and also the color of the contents, and told them it was not poison but "good old brandy." I tasted a little, and divided it among the party.

The man that took it knew I suspected him, and his whole conduct to me during the journey, was influenced by that event, although I never taxed him with it.

Dear S—:

Yesterday being a fine mild day, I thought I would examine my wardrobe, and have such articles as I bad worn during the last three weeks washed. I collected three shirts, as many pairs of stockings, together with handkerchiefs and drawers; I made up a dozen pieces; and I assure you, that how or by whom they were to be washed, never entered into my mind. I offered some compensation to one of our muleteers if he would wash them, but he was perfectly independent of the necessity of obtaining money in that way. I soon discovered, that I would have to become my own washerwoman; and obtaining some soap from the quarter master, I gathered up my duds, and made my way down the banks of the creek, to a convenient place, and there I entered upon my novitiate. I rubbed the skin off my hands during the operation, but after considerable application, I succeeded in cleansing them, and hung them out to dry. I doubled them up, and laid them carefully under my buffalo robe couch, last night; and this morning they are as smooth as if they had been "mangled." To-day I employed myself making a pair of buckskin mitts and shall require them before many weeks; most of the Indians and muleteers are out, looking for a large black mule, the finest animal in the collection, which was missing last night.

Yesterday two beaver trappers came into the Delaware camp, and traded for sugar and coffee with the Delawares. I have my suspicions that our mule conveyed them away, as they are no longer on the creek where they set their traps yesterday.

I must leave off my journal, as it is my usual hour for rifle practice; I have become quite an expert; at one hundred paces, I have hit the "bull's eye" twice in five times, which is not bad shooting, considering I have had no practice since I was a member of a rifle volunteer company in Charleston, some twenty years ago.

Chapter 7.

Incidents of Travel and Adventure in the Far West

Delaware Medicine Man—Illness of Capt. Wolff—Author turns Doctor—Empty Commissariat—Expedition to Fort Riley for Fresh Supplies—Professor Espy's Theory of Rain—Indians on Kansas Prairies—Sleet and Snow Storm—Tent Blown Down—Approach of Cold Weather—"Pony Missing."

Delaware Medicine Man.

For several days, Capt. Wolff, the chief of our Delawares, had been ailing, this morning I noticed some unusual preparations in their camp, on inquiring I was told that, in the woods, Capt. Wolff, who was very sick, was undergoing the Indian ceremony of "incantation," by one of the tribe, who was "a great medicine man." The ceremony was conducted in secret, but I found out afterwards the place, and from the mode which was explained to me, I understood the rite perfectly. A small lodge, composed of the branches of trees, high enough for a man to sit upright in, was built; in this the patient was placed in a state of perfect nudity. "The Medicine Man," who is outside, takes a "pipe," filled with "kinnikinick and tobacco," and hands it in to the patient. While the Medicine Man recites the "all powerful words," the patient puffs away until the lodge is filled with smoke; when the poor devil is almost suffocated, and exhausted, he is taken out, wrapped in his blankets, and conveyed to his own lodge.

Feeling anxious about him, I went in to see him about an hour afterwards; I found him in a high state of febrile excitement, which had, no doubt, been increased by his extraordinary treatment; he complained of dreadful headache and pain in his back. He thought he was going to die. I told him if he would submit to my advice I thought I could cure him—he consented, and I administered ten grains of calomel, and four hours afterwards half oz. of Epsom salts. He is now considerably relieved; and I think by the morning he will be well. Indigestion was the cause of his suffering. I made him some of the arrowroot, which thanks to your usual foresight I found stowed away in my trunk. I shall reserve it for similar occasions.

Col. Fremont has not yet arrived.

Our quarter master has suddenly discovered that his commissariat is empty, and talks of sending to Fort Riley for fresh supplies to-morrow; if he does I will forward a package of letters to you, which please preserve from public eye.

Two Delawares and a muleteer are now preparing to go to "Fort Riley" for supplies. Capt. Wolff is better; by evening I hope he will be perfectly well. I think if I had not treated him he would have probably died. Another "incantation" would certainly have killed him. I shall continue to write to you. Most probably we shall be detained here a week longer; it is now the 20th October, and I am afraid Col. Fremont is seriously ill; you will, of course, have heard of his return, and I shall look forward to receive by him happy tidings from all those I love.

Professor Espy's Theory of Rain

I have had occasion to observe that the immense clouds of smoke which filled the atmosphere continually during the time the prairies

were on fire, were condensed during the cold of the night, sometimes forming rain, but always heavy dew, which I did not observe before the prairies were burning.

I think Prof. Espy says that artificial rain can be produced by smoke from large fires, and from the observations I have made I coincide in that theory.

It is not unlikely that the Indians, who have from the earliest knowledge of the prairie country annually set the high rank grass on fire, did it to afford artificial moisture for the immense tracts of buffalo grass plains, an which subsist hundreds of thousands of buffalo, elk, and deer. No rain falls at certain seasons, and without dew the grass would be all burnt up by the scorching heat of the sun.

The Indians, I believe, practically put into operation the theory of Espy—knowing from experience that smoke is condensed into dew.

On the Kansas River the dew fell very heavily. I found it necessary while doing guard to cover myself with my India-rubber poncho, to prevent my clothes from becoming saturated with water.

Last night our camp was visited with a heavy storm of rain and sleet; it was bitter cold. It rained considerably yesterday, but the temperature was not lower than 65º. The wind increased during the night, and one sudden gust blew our cotton tent completely over, exposing us to the peltings of the merciless storm of sleet. Several of us essayed to raise the tent, but the ground had become saturated with moisture, and afforded no hold for our tent-pins, and we consequently lay down, wrapped ourselves in our India-rubber blankets, and bewailed our fate.

We presented an interesting picture when the daylight came. Many of our clothes, which were lying loosely in the tent, were blown some distance from camp, and we were all drenched to the skin. The weather cleared off at sunrise and around a large camp-fire we dried our clothes and passed jokes on each other ' s distressing appearance. Winter seems to have suddenly set in; the thermometer indicated, at sunrise, 34º *("por peccados,"* as the Spaniards say.) Many of our animals pulled up their picket-pins, and sought shelter in the woods. My pony is missing, among others, and on *myself and on no one else*devolves the delightful duty of finding him. I have put on, for the first time, my waterproof boots, as I have a wet road, and, probably, a long distance to walk , before I find my horse. He is safe enough on the creek; the Indians saw him while hunting up theirs.

Chapter 8.

Incidents of Travel and Adventure in the Far West

Author's First Buffalo Hunt—Pursuit-Perilous Situation—Mode of Attack by the Indians—Solitary and Alone—Pony killed for Food—An Ill Wind that blows Nobody any Good—Incredulity of Indian Hunters—Return to Camp—Prairies on Fire—Suffocating Smoke—Mr. Egloffstien on a Wolf Hunt—Fire Light and Moonlight—Camp surrounded by Fire—Dangerous Situation—Arrival of Colonel Fremont—Preparations to resume our Journey—Escape through the Blazing Element.

MY FIRST BUFFALO HUNT.

AT daylight, on the 25th October, the hunters were at breakfast. At our mess, feats of daring and gallant horsemanship were being related, while our roast was preparing. Weluchas, a most successful hunter, and as brave and daring an Indian as ever fashioned a moccasin or fired a rifle, approached me, remarking, "What for you no hunt buffalo—got buffalo pungo?" (horse.) I had, while at breakfast, almost made up my mind to go—this, however, determined me. In quick time I had my horse saddled, and, fully equipped with rifle, navy revolver, and sheath knife, was all ready for a start. On this occasion our party consisted of eight Delawares and four white men, besides myself. I rode out of camp, side by side with Weluchas, who seemed gratified that I accompanied him. The buffaloes, from having been daily hunted for several weeks, had gone South about fifteen to twenty miles, and we had to ride that distance before we saw any game.

DISCOVERY OF A HERD.

After about three hours' gentle trotting, one of the party started a coyote, and we chased him until he disappeared in the brush. When we reached the brow of a hill, Weluchas ejaculated, in deep, low tones, "Buffalo," "big herd"—"plenty cow." I turned my eyes, and, for the first time, beheld a large herd of buffaloes occupying an extensive valley, well wooded and watered, and luxuriant with the peculiar short curled grass, called "Buffalo grass" *(Lysteria Dyclotoides)*, on which this animal principally feeds. I gazed with delight and astonishment at the novel sight which presented itself. There must have been at least 6,000 buffaloes, including cows and calves. It was a sight well worth travelling a thousand miles to see. Some were grazing, others playfully gamboling, while the largest number were quietly reclining or sleeping on their verdant carpet, little dreaming of the danger which surrounded them, or of the murderous visitors who were about to disturb their sweet repose.

THE FOE DISCOVERED BY THE SENTINEL—THE HERD IN MOTION.

Taking the word of command from Capt. Wolff, one of the finest proportioned men I ever beheld, we kept silent, to await the direction which the herd would take when they discovered us. An old bull was stationed several hundred yards in advance of the herd, as sentinel: they invariably follow him, as leader, even into danger. He soon espied us; and suddenly, as if by magic, the whole

herd was in motion. We occupied such a position that they passed within rifle shot.

THE PURSUIT.

At a signal, the whole party, except myself, galloped after them. I was intensely absorbed by this mighty cavalcade passing with majestic stride, as it were, in review before me. My pony, anxious for the chase, fretted and champed at the bit. I singled out what I thought a fat cow (the bulls are tough and hard, and are only hunted by the Indians for their robes-their flesh never being eaten when cows can be obtained), and in a few seconds, I was riding at full speed. It requires a very fleet horse to overtake a buffalo cow. A bull does not run quite so fast. After a chase of about two miles, I was near enough to take sight with my rifle, by stopping my pony. I fired and wounded him in the leg-reloaded, and started again at full speed, the buffalo running less swiftly. I fired again, but this time without effect. Not wishing him to get too far ahead of me, I took out my revolver, and got within pistol shot, when I discovered I had chased an old bull instead of a cow.

PERILOUS SITUATION.

I fired my pistol four times at full speed, and was endeavoring to sight him again, when the bull suddenly turned upon me, within five yards of my horse. My well-trained pony instantly jumped aside. The bull, in turning, got his wounded leg in a painful position, and stopped, which gave me time and opportunity to save my life; for, with my total inexperience, I should not have been able to have mastered him. My horse jumped aside without any guiding from me, having been trained to this by the Indian from whom we purchased him. I reloaded my rifle, and took deliberate aim at a vital part. When dying, I approached the monster that had given me such a fright, when he turned his large black eyes mournfully upon me, as if upbraiding me with having wantonly and uselessly shot him down.

MODE OF ATTACK BY THE DELAWARES.

A Delaware Indian, in hunting buffaloes, when near enough to shoot, rests his rifle on his saddle, balances himself in his stirrup on one leg; the other is thrown over the rifle to steady it. He then leans on one side, until his eye is on a level with the object, takes a quick sight, and fires while riding at full speed, rarely missing his, mark, and seldom chasing one animal further than a mile.

SOLITARY AND ALONE.

After recovering from my fright, and the intense excitement incidental to the chase, other sensations of a different character, although not less disagreeable, immediately filled my mind. I discovered that I was entirely alone, in an uninhabited, wild country, with not a human being in sight. I had chased my bull at least five miles. My companions had taken a different direction, nor was a single buffalo to be seen. My mind was fully alive to the perils of my situation. I had left my pocket compass in camp, and I did not know in what direction to look for it. I mounted my horse and walked to the top of a hill to see if I could find any traces of the party. I discovered looming in the distance, Smoky Hills some twenty miles off. My mind was in a slight degree relieved, although I was almost as ignorant of my geographical position as I was before. I did not despair, but unsaddling my horse, I gave him an hour's rest;

the grass was fresh, and he appeared totally unconcerned at my situation.

PONY KILLED FOR MEAT.

Poor fellow! Little did I think that day, as he carried me, so full of life and high spirit, that in a few weeks he would be reduced to a mere skeleton, and that I should be obliged, in order to save my own life on the mountains of snow, to partake of his flesh. I shed tears when they shot him down, and I never think of his generous, willing qualities, but I lament the stern necessity that left his bones bleaching on the mountains.

IT'S AN ILL WIND THAT BLOWS NOBODY GOOD.

I re-saddled my pony, and turned his head in the direction of Smoky Hills, fervently hoping to fall in with some of our party; nor was I disappointed, for after riding about an hour, I discovered to the left of my course a horse without a rider. As I approached it, I recognized the animal, and in a little while I saw its owner, my friend Weluchas, walking slowly, with his eyes intently fixed on the ground. He told me he was looking for his tomahawk pipe, which he had dropped while hunting. I joyfully assisted him in finding it, after a persevering search of an hour. He had been at least an hour on the spot before I came up. To this lucky circumstance I attributed my arrival in camp that night, for when we resumed our journey, he took a course some six points variation from the one I was travelling. On our way we fell in with Capt. Wolff and another Delaware, who were busily engaged cutting up a fine fat cow. I was soon at work, but I gave up after an ineffectual attempt to cut the liver, which is very delicate eating, my knowledge of human anatomy not being of any service to me in dissecting buffaloes.

THE INCREDULITY OF THE INDIAN HUNTERS.

While journeying campwards I related to the party my adventure with the old bull. I, of course, finished it by stating I had slain him. Capt. Wolff looked at me with a most quizzical and incredulous smile, and emphatically remarked, in his broken English, "Carvalho no kill buffalo." I insisted that I had left him dead on the field. At this the whole party laughed at me. I felt annoyed, but soon found it was no use to contend with them. Weluchas, who was really my friend, and to whom I had rendered several services, such as bleeding him and curing him of fever, could not believe the statement I had made. Capt. Wolff, seeing me look offended, said, in these exact word's : —"When Capt. Wolff kill buffalo, he cut out the tongue. Indian shoot buffalo, bring home tongue. Carvalho no bring buffalo tongue; he no kill buffalo." This was powerful argument, and the inference perfectly logical; and I soon changed the subject. Gentle reader, do you think I was equal to cutting out, by the roots, a tongue from the head of an old buffalo bull, after telling you that I did not succeed in getting out the liver of a young cow, after the animal was opened? Surely I was not; but even if I had been, the alarming situation I found myself in, at the time he fell, prevented me from attempting it, if I even had known it was the hunters' rule to do so.

RETURN TO CAMP.

My messmates, to whom I related my adventure, had not the slightest idea that I had lost my way in the chase. I came into camp with the rest of the party, that night, about seven o'clock, tired and hungry. After eating a hearty supper, I wrapped myself up in my

blankets and was soon asleep, dreaming of the disputed honors I had gathered in my maiden hunt after a buffalo bull.

PRAIRIE ON FIRE.

Oct. 30. —During the day, the sun was completely obscured by low, dark clouds; a most disagreeable and suffocating smoke filled the atmosphere.

We were still encamped on the Saline fork of the Kansas River, impatiently awaiting the arrival of Col. Fremont, who had not yet returned from St. Louis. His continued absence alarmed us for his safety, and the circumstance that the prairies were on fire for several days past, in the direction through which he had to pass to reach us, added to our anxiety.

Night came on, and the dark clouds which overhung us like an immense pall, now assumed a horrible, lurid glare, all along the horizon. As far as the eye could reach a belt of fire was visible. We were on the prairie, between Kansas River on one side, Solomon's Fork on another, Salt Creek on the third, and a large belt of woods about four miles from camp on the fourth. We were thus completely hemmed in, and comparatively secure from danger.

Our animals had been grazing near this belt of woods, the day before, and when they were driven into camp at night, one of the mules was missing. At daylight a number of our Delawares, Mr. Egloffstien, our topographical engineer, and myself, sallied out in search of it.

After looking through the woods for an hour, we discovered our mule lying dead, with his lariat drawn close around his neck. It had become loose, and, trailing along the ground, got entangled with the branches of an old tree, where in his endeavors to extricate himself he was strangled.

We were attracted to the spot by the howling of wolves, and we found that he had been partially devoured by them. Our engineer, who wanted a wolfskin for a saddle-cloth, determined to remain to kill one of them.

I assisted him to ascend a high tree immediately over the body of the mule, untied the lariat, and attaching his rifle to one end of it, pulled it up to him.

The rest of the party returned to camp. About four o'clock in the afternoon, he being still out, I roasted some buffalo meat and went to seek him. I found him still on the tree, quietly awaiting an opportunity to kill his wolf.

A heroic example of perseverance on an eminence smiling at disappointment.

Mr. Egloffstien declined to come down; I told him of the dangers to which he was exposed, and entreated him to return to camp. Finding him determined to remain, I sent him up his supper, and returned to camp, expecting him to return at sundown.

About this time the prairie was on fire just beyond the belt of woods through which Col. Fremont had to pass.

Becoming alarmed for Mr. Egloffstien, several of us went to bring him in. We found him half-way to camp, dragging by the lariat the dead body of an immense wolf which he had shot. We assisted him on with his booty as well as we could.

My "guard" came on at two o'clock. I laid down to take a three hours' rest. When I went on "duty," the scene that presented itself was sublime. A breeze had sprung up, which dissipated the smoke to windward. The full moon was shining brightly, and the piles of clouds which surrounded her, presented magnificent studies of "light and shadow," which "Claude Lorraine" so loved to paint.

The fire had reached the belt of woods, and seemingly had burnt over the tree our friend had been seated in all day.

The fire on the north side had burned up to the water's edge, and had there stopped.

The whole horizon now seemed bounded by fire.

Our Delawares by this time had picketed all the animals near the creek we were encamped on, and had safely carried the baggage of the camp down the banks near the water. When day dawned, the magnificent woods which had sheltered our animals, appeared a forest of black scathed trunks.

The fire gradually increased, yet we dared not change our ground; first, because we saw no point where there was not more danger, and, secondly, if we moved away, "Solomon," the Indian chief, who after conducting us to the camp ground we now occupied, had returned to guide Col. Fremont, would not know exactly where to find us again.

We thus continued gazing appalled at the devouring element which threatened to overwhelm us.

After breakfast, one of our Delawares gave a loud whoop, and pointing to the open space beyond, in the direction of Solomon's Fork, where to our great joy, we saw Col. Fremont on horseback, followed by "an immense man," on "an immense mule," (who afterwards proved to be our good and kind-hearted Doctor Ober;) Col. Fremont's "cook," and the Indian "Solomon," galloping through the blazing element in the direction of our camp.

Instantly and impulsively, we all discharged our rifles in a volley.

Our tents were not struck, yet we wanted to make a signal for their guidance. We all reloaded, and when they were very near, we fired a salute.

Our men and Indians immediately surrounded Col. Fremont making kind inquiries after his health.

No father who had been absent from his children, could have been received with more enthusiasm and more real joy.

To reach us he had to travel over many miles of country which had been on fire. The Indian trail which led to our camp from "Solomon's Fork," had become obliterated, rendering it difficult and arduous to follow; but the keen sense of the Indian directed him under all difficulties directly to the spot where he had left us.

During the balance of the day, the camp was put in travelling order.

With the arrival of Col. Fremont, our commissariat had received considerable additions of provisions, more, in fact, than he had any good reason to suppose we had consumed during his absence.

The reverse was exactly the truth. The provisions intended for our journey had been lavishly expended, and surreptitiously purloined.

Twice it became necessary to send to Fort Riley to procure supplies.

The season had advanced, and it became imperatively necessary to continue onwards—we should have plenty of game until we got to Bent's Fort, where there always were kept large supplies of provisions, and where Col. Fremont intended to refit and replenish.

At midnight, the fire crossed the Kansas River. I was in a great state of excitement. I mounted my horse and rode out in the direction of the Kansas, to see if the fire had actually crossed; I suppose I must have advanced within half a mile, before I discovered that the prairie was on fire on this side of it. I turned round, and galloped as I thought, in the direction of camp, but I could not descry it. I continued onwards; but as there were woods all around Salt Creek, I had lost my landmarks, and was in a terrible quandary. I however reached Salt Creek, and with great difficulty returned to camp, after an absence of three hours.

At daylight, our animals were all packed, the camp raised, and all the men in their saddles. Our only escape was through the blazing grass; we dashed into it, Col. Fremont at the head, his officers following, while the rest of the party were driving up the baggage animals. The distance we rode through the fire, could not have been more than one hundred feet, the grass which quickly ignites, as quickly consumes, leaving only black ashes in the rear.

We passed through the fiery ordeal unscathed; made that day over fifteen miles, and camped for the night on the dry bed of a creek, beyond the reach of the devouring element.

Chapter 9.

Incidents of Travel and Adventure in the Far West

Walnut Creek—Necessity of strict discipline—Neglect of duty—Horses stolen—Cheyenne Indians—Thieves overtaken—Watchfulness of Col. Fremont—Immense herds of Buffalo—Buffalo hunt on a large scale—Buffalo chips—Prairie dogs, Owls, &c. —Indians in camp—Raw Antelope liver.

THE cold was intense during our last encampment at Walnut Creek. About an hour after the midnight watch had been relieved, and while the last watch were warming their benumbed limbs before a large fire, one of the men on horse guard left his duty, and came into camp to warm himself—Col. Fremont, who was always on the "qui vive," suddenly appeared at the camp-fire. This was not unusual, that he should personally inspect the guard, but he took such times, when he was least expected-in order to see if the men did their duty properly.

The Colonel accosted the officer of the watch, and enquired if Mr. — had been relieved? He replied that he had not, but gave as an excuse, the coldness of the weather. Col. Fremont lectured the officer, and had another man immediately sent out to take his place. He was highly displeased and as a punishment, told Mr.— that he expected he "would walk," during the next day's travel. I had been relieved a short time before, and I knew how cold I was, and that it was necessary to move about continually, to keep up the circulation of the blood; under the circumstances, I thought the punishment disproportionate to the offense.

I was a novice in camp life among Indians, and was not aware of the stern necessity required for a strict guardianship of the animals; but the sequel proved, that the "slight dereliction" from duty, as I thought it, involved the most serious consequences.

At day-light, when the animals were driven in to be loaded and packed for the day's journey, five of them were missing. The camp was, in consequence, delayed, while the animals were sought; half the day was lost in an ineffectual search. Our Delawares reported having discovered moccasin prints on the snow, and at once decided they were made by Cheyenne Indians, from their peculiar form.

The next day we followed a track made by "shod horses," which convinced us we were on the right scent. The Indians do not shoe their horses.

On the "divide," near the Arkansas River, we saw one of our mules grazing, but so worn out by the hard drive, that be was unable to continue, and the Indians left him on the prairie.

It took us several days to reach the village, which was situated on the part of the Arkansas River known as Big Timber, near Mr. Bent's house.

At this village we found the rest of the animals, and some of the thieves. On examining them, they confessed that they had watched our camp during the night, for an opportunity to run off our animals, but found them guarded, until one man left his watch, and went

to warm himself at the camp fire, during which time they stole five of them, and if they had had an hour longer time, they would have stolen a great many more. They went so far as to point out the very man who went to the fire.

Mr. — submitted to the walk with as good a grace as possible. We had a long journey that day, but he manfully accomplished it; and I heard him say, afterwards, that he richly deserved it.

Imagine twenty odd men, 600 miles from the frontiers, at the commencement of a severe winter, deprived of their animals, on an open prairie, surrounded by Comanches, Pawnees and other tribes of hostile Indians. I am fully convinced that but for the "watchfulness" of Col. Fremont, we should have been placed in this awkward predicament.

IMMENSE HERDS OF BUFFALO.

On the divide, between Walnut Creek and the Arkansas River, we traveled through immense herds of buffalo; at one time there could not have been fewer than two hundred thousand in sight.

All around us, as far as the eye could reach, the prairie was completely black with them; they at times impeded our progress. We stopped for more than an hour to allow a single herd to gallop, at full speed, across our path, while the whole party amused themselves with singling out particular ones, and killing them.

I essayed, at different times, to daguerreotype them while in motion, but was not successful, although I made several pictures of distant herds.

On this "divide" I saw numbers of prairie dogs, they ran to their holes on our approach; a small sized owl, most generally stood as sentinel near the hole. Our Delawares told me that the prairie dog, the owl, and the rattlesnake always congregate together—a strange trio.

The prairie after you pass Pawnee Fork, and also on the divide between Walnut Creek and the Arkansas River, is covered with a short grass, called buffalo grass.

Firewood or timber, only grows on the creek, and the artemisia entirely disappears.

We camped one night on the open prairie, without wood, near Pawnee Fork, a tributary of the Kansas. The thermometer was below freezing point, and there was no vestige of wood or timber to be seen.

I was busily engaged making my daguerreotype views of the country, over which I had to travel the next day. On looking through my camera I observed two of our men approaching over a slope, holding between them a blanket filled with something; curious to know what it was, I hailed them, and found they had been gathering "dried buffalo chips," to build a fire with. This material burns like peat, and makes a very hot fire, without much smoke, and keeps the heat a long time; a peculiar smell exhales from it while burning, not at all unpleasant. But for this material, it would be impossible to travel over certain parts of this immense country. It served us very

often, not only for cooking purposes but also to warm our half frozen limbs. I have seen chips of a large size—one I had the curiosity to measure, was two feet in diameter.

Our first camp on the Arkansas was visited by a number of Indian hunters, with the product of their skill, in the use of their bows and arrows, hanging across their horses. One of them borrowed my jack-knife, and cutting a piece of the raw antelope liver, deliberately ate it. I remember the peculiar feeling this exhibition excited in my bosom. I considered the Indian little better than a cannibal, and taking back my knife, turned from him in disgust.

I got bravely over it, however, in the course of my journey, as a perusal of these pages will show.

Chapter 10.

Incidents of Travel and Adventure in the Far West

Cheyenne Indian Village—"Big Timber"— Daguerreotypes— Indian Papoose— Author is Suddenly Changed into a Magician— Silver and Brass Bracelets— Portrait of Indian Princess—*"Presto, pass!"*— Moccasins— Cheyennes and Pawnees at War— Grand Scalp-dance— Col. Fremont a Spectator— Dinner with the Chief— Rosewood Carved Furniture not in Use— Duties of Indian Women— Employment of the Men.

THE Cheyenne village, on Big Timber, consists of about two hundred and fifty lodges, containing, probably, one thousand persons, including men, women and children.

I went into the village to take daguerreotype views of their lodges, and succeeded in obtaining likenesses of an Indian princess— a very aged woman, with a papoose, in a cradle or basket, and several of the chiefs, I had great difficulty in getting them to sit still, or even to submit to have themselves daguerreotyped. I made a picture, first, of their lodges, which I showed them. I then made one of the old woman and papoose. When they saw it, they thought I was a "supernatural being;" and, before I left camp, they were satisfied I was more than human.

Carvalho's daguerreotype of the Cheyenne camp
Library of Congress Daguerreotype Collection

The squaws are very fond of ornaments; their arms are encircled with bracelets made of thick brass wire— sometimes of silver

beaten out as thin as pasteboard. The princess, or daughter of the Great Chief, was a beautiful Indian girl. She attired herself in her most costly robes, ornamented with elk teeth, beads, and colored porcupine quills— expressly to have her likeness taken. I made a beautiful picture of her.

The bracelets of the princess were of brass; silver ones are considered invaluable, and but few possess them.

After I had made the likeness of the princess, I made signs to her to let me have one of her brass bracelets. She very reluctantly gave me one. I wiped it very clean, and touched it with "quicksilver." It instantly became bright and glittering as polished silver. I then presented her with it. Her delight and astonishment knew no bounds. She slipped it over her arm, and danced about in ecstasy. As for me, she thought I was a great "Magician."

My extraordinary powers of converting "brass into silver" soon became known in the village, and in an hour's time I was surrounded with squaws entreating me to make *"presto, pass!"* with their "armlets and brass finger-rings."

Some offered me moccasins, others venison, as payment; but I had to refuse nearly all of them, as I had only a small quantity of quicksilver for my daguerreotype operations.

My "lucifer matches," also, excited their astonishment; they had never seen them before; and my fire water, "alcohol," which I used, also, to heat my mercury-capped the climax.

They wanted me to live with them, and I believe if I had remained, they would have worshipped me as possessing most extraordinary powers of necromancy.

I returned to camp with a series of pictures, and about a dozen pairs of moccasins, some elaborately worked with beads; all of which I stowed away in my boxes, and had the great gratification of supplying my companions with a pair, when they were most required, and when they least expected them.

The Pawnees and Cheyennes were at deadly war, at this time. During our visit to the Cheyenne camp, a number of warriors returned from a successful battle with the Pawnees, and brought in some twelve or fifteen scalps as trophies of their prowess. On the night of their arrival, they had a grand scalp-dance; all the men and most of the women were grotesquely attired in wolf, bear, and buffalo skins; some of them with the horns of the buffalo, and antlers of the deer, for head ornaments. Their faces were painted black and red; each of the chiefs, who had taken a scalp, held it aloft attached to a long pole. An immense fire was burning, around which they danced and walked in procession, while some of he women were beating drums, and making night hideous with their horrible howlings and discordant chantings. This was so novel and extraordinary a scene, that I rode into our camp, about three miles off, and induced Col. Fremont to accompany me to witness it. Mr. Egloffstien, succeeded in writing down the notes of their song; they have no idea of music; they all sing on the same key. I did not notice a single second or bass voice amongst them. We returned to camp about 12 o'clock, and left them still participating in the celebration of their bloody victory. I accepted an invitation to dine with the chief; his lodge is larger, but in no other respects different from those of the others. We dined in it, on buffalo steaks and venison; a fire was burning in the centre; around the fire, were beds made of cedar branches, covered with buffalo robes, on which his two

wives and three children slept. They use no furniture of any kind; there are hiding places under their beds, in which they place their extra moccasins and superfluous deer-skin shirts.

The women make the bows and arrows, and all their moccasins, dress and prepare their skins and buffalo robes, take down and put up their lodges when they move their villages, which is three or four times a year, and all the servile and hard work of the camp. The men hunt, fish, and go to war.

The Cheyennes possess a large number of fine horses, some of which they raise, while the most of them are stolen and taken as prizes in their forays with other tribes of Indians.

Chapter 11.

Incidents of Travel and Adventure in the Far West

Bent's Trading Post—Purchase Fresh Animals—Buffalo Robes—Immense Lodge—Fremont's Lodge—Doctor Ober—His Scientific Knowledge—Attachment of the Author to him—His Preparation to return to the States—Arkansas River—Giant Cotton Woods—Islands in the Arkansas—Bent's Fort destroyed by Indians—Preparations to cross the Mountains—First View of the Rocky Mountains—Bid adieu to Doctor Ober.

BENT'S HOUSE is built of adobes, or unburnt brick, one story high, in form of a hollow square, with a courtyard in the centre. One side is appropriated as his sleeping apartments, the front as a store-house, while the others are occupied by the different persons in his employ. He has a large number of horses and mules.

Col. Fremont procured from him fresh animals for all the men, leaving behind us those which were thought unable to go through. At this time Mr. Bent had but a small quantity of sugar and coffee; he supplied us, however, with all he could spare, and a considerable quantity of dried buffalo meat, moccasins and overshoes for all the men; a large buffalo-skin lodge, capable of covering twenty-five men, and one small one for Col. Fremont; buffalo robes for each man besides stockings, gloves, tobacco, etc.

I breakfasted with Mr. Bent and Doctor Ober, on baked bread, made from maize ground, dried buffalo meat, venison steaks, and hot coffee; a treat that I had not enjoyed for a very long time.

Col. Fremont having entirely recovered his health, decided not to take the doctor over the mountains, but made arrangements with Mr. Bent to send him home by the first train of wagons; one of our white men, a Mr. Mulligan, of St. Louis, also remained, as an assistant to the doctor. I had formed quite an attachment to Doctor Ober; he was a gentleman of extensive information, and his intellectual capacity was of the highest order. I have ridden by his side for many a mile, listening to his explanations of the sciences of geology and botany. When we passed a remarkable formation, he would stop and compare it with others of similar character in different parts of the world. I regretted very much the necessity there was for his remaining behind, but it was well for him that he did so; his age and make would have incapacitated him from enduring the privations and hardships which we had to encounter.

The weather continuing so cold I found it inconvenient to use my oil colors and brushes; accordingly I left my tin case with the doctor, who promised to take charge of them for me to the States.

When the weather is very clear, you can see the snowy peaks of the Rocky Mountains from Bent's house, which is seventy miles distant. Our friend the doctor wanted to obtain a nearer view of them, and proposed that I should accompany him. We started on a clear morning, for that purpose. I took my apparatus along; we rode thirty miles, but the weather becoming hazy, it entirely shut out our view of the mountains. We returned to camp late at night, after a tiresome day's ride.

The Arkansas River where we first struck it, which was at the crossing of the Santa Fe trail, is almost entirely bare of timber; the

trunks of several giant cottonwood trees, which had probably been landmarks for early travellers to Mexico, still reared their enormous heads high into the Heavens, defying alike the storms of winter, and the axe and fire of the hungry pioneer, who in vain attempted to hew and burn them down. I measured one of them, its circumference was eighteen feet. We travelled up the river a great many miles, without seeing any timber at all, and relying for firewood on the drift logs, we found along the banks.

There are a great many islands in the Arkansas River, on which some few young cottonwoods are growing. We frequently encamped on these islands.

At "Big Timber," there is a considerable quantity of oak, and cottonwood of large growth. Game of all kinds abounds in it.

Bent's house is a trading post. Indians of the different tribes bring in their venison, buffalo meat, skins, and robes, which are exchanged for various descriptions of manufactured goods. Mr. Bent also receives the annual appropriation from Government, for the neighboring tribes of Indians which are distributed at this point. Bent's Fort, which is situated about thirty miles further up the Arkansas, was recently destroyed by the Indians, and has not been rebuilt, from the scarcity of timber in its vicinity. All the material saved from the fort, was removed to Mr. Bent's house, on Big Timber. After a sojourn of a week, near Bent's trading house, the whole of which time was employed in refitting and preparing proper camp equipage for the journey over the mountains, we bade an affectionate adieu to our worthy doctor; and started in high spirits, the lofty summit of Pike's Peak in the distance glittering in the morning sun.

Chapter 12.

Incidents of Travel and Adventure in the Far West

Journey up the Arkansas—Bent's Fort-Huerfano River and Valley—Description of the Country—Huerfano Butte—Behind Camp—Daguerreotypes —Scientific Observations—Approach of Night—Trail Lost, and Encampment in the Woods—Buffalo Robes and Blankets—Col. Fremont sends to find us—Bear Hunt—Roubidoux Pass—Emotion of Col. Fremont when Looking upon the Scene of his Terrible Disaster on a Former Expedition—Found a Half Starved Mexican—Col. Fremont's Humanity—His Skill in Pistol Shooting.

WE travelled up the Arkansas, and passing the ruins, of Bent's Fort on the opposite side of the river, struck the mouth of the Huerfano; we followed that river to the Huerfano Valley—which is by far the most romantic and beautiful country I ever beheld. Nature seems to have, with a bountiful hand, lavished on this delightful valley all the ingredients necessary for the habitation of man; but in vain the eye seeks through the magnificent vales, over the sloping hills, and undulating plains, for a single vestige to prove that even the foot of an Indian has ever preceded us. Herds of antelope and deer roam undisturbed through the primeval forests, and sustain themselves on the various cereals which grow luxuriantly in the valley.

But where are the people?

Were there ever any inhabitants in this extraordinarily fertile country?

Will the progress of civilization ever extend so far in the interior?

At present, not even the smoke from an Indian wigwam taints the pure air which plays around, and imparts healthful vigor to my frame.

After crossing the Huerfano River, we saw the immense pile of granite rock, which rises perpendicularly to the height of four or five hundred feet, from a perfectly level valley. It appeared like a mammoth sugar loaf, (called the Huerfano Butte).* Col. Fremont expressed a desire to have several views of it from different distances.

* "The Orphan."

The main party proceeded on the journey, leaving under my charge the mules which carried our apparatus, and also the blankets and buffalo robes of the whole camp; it being necessary in equalizing the weight, to distribute the different boxes on three or four animals. Mr. Egloffstien, Mr. Fuller, and two Delawares, remained with me.

To make a daguerreotype view, generally occupied from one to two hours, the principal part of that time, however, was spent in packing, and reloading the animals. When we came up to the Butte, Mr. Fuller made barometrical observations at its base, and also ascended -to the top to make observations, in order to ascertain its exact height. The calculations have not yet been worked out.

If a railroad is ever built through this valley, I suggest that an equestrian statue of Col. J. C. Fremont, be placed on the summit of the

Huerfano Butte; his right hand pointing to California, the land he conquered.

When we had completed our work, we found that we were four hours behind camp, equal to twelve miles.

We followed the trail of our party, through the immense fields of artemisia, until night overtook us, travelling until we could no longer distinguish the trail.

Our arms were discharged as a signal to the camp; they answered it by firing off their rifles, but the wind being then high, we could not determine their exact distance or position. Then, taking counsel together, we determined to encamp for the night, on the side of a mountain covered with pines, near by.

We soon had a large fire burning, for the weather was intensely cold and disagreeable. Upon unloading our animals we found that we had with us all the baggage and buffalo robes of the camp, but nothing to eat or drink; the night was so dark that although not more than half a mile from a creek, we preferred to suffer from thirst rather than incur fresh danger which might lurk about it.

I had with me three tin boxes, containing preserved eggs and milk, but I preferred to go supperless to bed, rather than touch the small supply which I had, unknown to the rest, carefully hid away in my boxes, to be used on some more pressing occasion.

Our absence was most keenly felt by the camp, for they had to remain up, around their fires all night, not having any thing to sleep on.

We also watched all night, fearful that our animals should stray away, or that we should be attacked by Indians.

At day dawn we reloaded our animals, found our lost trail, and soon met some of our party whom Colonel Fremont had sent to look for us.

When we got to camp, they were all ready for a start, and waiting for us. A delicious breakfast of buffalo and venison had been prepared, and we discussed its merits an appetite sharpened by a twenty-four hours fast.

At the very base of the Rocky Mountains, while we approaching the Sand-hill Pass, fresh bear track were discovered by our Delawares, who determined to follow in search of the animal. Diverging a little from our line among the trees on the side of the mountain, our bruin was first seen. "A bear hunt! a bear hunt!" was quickly re-echoed by the whole company. The baggage animals were left to themselves while Colonel Fremont and the whole party darted off at full speed to the chase.

Two of our Delawares who first spied him, were half a mile in advance, for they gave the reins to their animals the instant they saw the bear. His bearship seeing strangers approaching at full speed, and being unused to their ways, thought it most prudent to make himself scarce; he turned and slowly descended the hill in an opposite direction; our loud huzzas finally alarmed him and off he went

in full tilt, the whole party surrounding a him; the first shot from the Delaware brought him to his knees. Three shots killed him.

He was an enormous black bear, and very fat; I partook of but small quantities of it, it being too luscious and greasy for my palate. The meat was brought into camp and served several days for food for the whole party.

The next day I accompanied Col. Fremont into the Roubidoux Pass, from the summit of which I had the first view into the San Louis Valley, the head waters of the "Rio Grande del Norte." On the opposite side forty Miles across are the "San Juan Mountains," the scene of Col. Fremont's terrible disaster on a former expedition.

He pointed out to me the direction of the spot and with a voice tremulous with emotion, related some of the distressing incidents of that awful night. I made a daguerreotype of the pass with the San Louis Valley and mountains in the distance.

While exploring in the pass we accidentally came upon a Mexican, almost naked, who had deserted or been left behind by some hunters. Col. Fremont, whose great heart beats in sympathy for the suffering of his fellow men, made him follow to camp, and although he knew that this man would be an incubus upon the party from his inability to walk, allowed him to accompany the expedition, and supplied him with a part of his own wardrobe. The man subsequently proved perfectly worthless.

On our way down from the pass, Col. Fremont took out his revolver, and at a distance of about twenty paces killed a small, white, delicately formed animal, very like an ermine. This was an excellent shot with a sightless pistol.

Chapter 13.

Incidents of Travel and Adventure in the Far West

Sand-hill Pass—San Louis Valley—Natural Deer-park—Smoked Venison—Last sight of Game—Rio Grande del Norte—Sarawatch—Cochotope Pass—First Snow in Mountains—Gunnison's Wagon Trail—Summit of Pass—Waters commence to flow towards the Pacific—Encampment—Immense Rugged Mountain—Impracticability of ascent by Mules—The Author ascends on Foot—Col. Fremont accompanies him—Daguerreotype Panorama from its Summit—Col. Fremont's Consideration for his Men—Sublimity—First View of Grand River—Reflections—Return to Camp.

We entered the San Louis Valley through the Sand-hill Pass, and camped at the mouth. Travelling up the valley about twenty miles, we ascended one of the verdant and gentle slopes of the mountains, along which meandered a stream of living water, fringed on its banks with cottonwood and elms. We selected a camp-ground in an immense natural deer-park, and raised our tents under the shelter of wide-spreading cedars.

Scarcely were we comfortably fixed, when a herd of black-tail deer came down the mountain to water within sight of our camp. Cautiously our Indian hunters sallied out, and ere many minutes, the sound of one, two, three—a dozen rifles were heard in quick succession. Every shot brought down a fine fat buck, and our supper that night, consisted of as fine roast venison as ever graced the table of an epicure.

Col. Fremont determined to remain here for several days in order to have a quantity of the meat cured for our use in the mountains. I exercised my skill in rifle shooting for the last time at this camp. Game of all kinds which had hitherto been plentiful, disappeared almost entirely after we left it.

We travelled up the San Louis Valley, crossing the Rio Grande del Norte, and entered the Sarawatch Valley through a perfectly level pass. Our journey continued along the valley until we came to the Cochotope, where we camped.

That night it snowed on us for the first time. The snow obliterated the wagon tracks of Capt. Gunnison's expedition, but Col. Fremont's unerring judgment conducted us in the precise direction by a general ascent through trackless, though sparsely timbered forests, until we approached the summit, on which grew an immense number of trees, still in leaf, with only about four inches of snow on the ground.

As we approached this dense forest, we soon perceived that the axe of the white man had forced a passage through for a wagon-road. Many of the larger trees on both sides of the track were deeply cut with a cross, as an emblem of civilization, which satisfied us that Capt. Gunnison and Lieut. Beale had penetrated through to the other side. In this forest, we were surrounded by immense granite mountains, whose summits were covered probably with everlasting snow. The streams from them which had previously been running towards us, now took the opposite direction, supplying us with the gratifying proof that we had completed our travel to the summit, and were now descending the mountains towards the Pacific. After issuing from these woods we camped on the edge of a rivulet.

At this camp Col. Fremont exhibited such unmistakable marks of consideration for me, that it induced my unwavering perseverance in the exercise of my professional duties subsequently, when any other man would have hesitated, and probably given up, and shrunk

dismayed from the encounter.

Near by our camp, a rugged mountain, barren of trees, and thickly covered with snow, reared its lofty head high in the blue vault above us. The approach to it was inaccessible by even our surefooted mules. From its summit, the surrounding country could be seen for hundreds of miles. Col. Fremont regretted that such important views as might be made from that point, should be lost, and gave up the idea as impracticable from its dangerous character. I told him that if he would allow two men to assist me in carrying my apparatus up the mountain, I would attempt the ascent on foot, and make the pictures; he pointed out the difficulties, I insisted. He then told me if I was determined to go he would accompany me; this was an unusual thing for him and it proved to me, that he considered the ascent difficult and dangerous, and that his superior judgment might be required to pick the way, for a misstep would have precipitated us on to the rugged rocks at its base; and it also proved that he would not allow his men or officers to encounter perils or dangers in which he did not participate.

After three hours' hard toil we reached the summit and beheld a panorama of unspeakable sublimity spread out before us; continuous chains of mountains reared their snowy peaks far away in the distance, while the Grand River plunging along in awful sublimity through its rocky bed, was seen for the first time. Above us the cerulean heaven, without a single cloud to mar its beauty, was sublime in its calmness.

Standing as it were in this vestibule of God's holy Temple, I forgot I was of this mundane sphere; the divine part of man elevated itself, undisturbed by the influences of the world. I looked from nature, up to nature's God, more chastened and purified than I ever felt before.

Plunged up to my middle in snow, I made a panorama of the continuous ranges of mountains around us. Col. Fremont made barometrical and thermometrical observations, and occupied a part of his time in geological examinations. We descended safely, and with a keen appetite, discussed the merits of our dried buffalo and deer meat.

Chapter 14.

Incidents of Travel and Adventure in the Far West

Intense Cold—Author's First Journey on Foot—Immense Mountains of Snow—Escape of his Pony—Lose Sight of Companions—Arrival at top of the Mountain—Pony Recovered—Revolution of Feeling—Indian Gratitude Exemplified—Horse Steaks Fried in Tallow Candles—Blanc Mange—New Year's Day—Dangerous Ascent of a Mountain—Mules tumble Down—Animals Killed—Successful Attempt Next Day—Camp in four feet of Snow—Coldest Night—Sleep out in open Snow.

EATING, sleeping, and travelling, continually in the open air, with the thermometer descending, as we gradually ascended the immense slopes of country between the frontiers of Missouri and the Rocky Mountains, until I have found myself in a temperature of 30º below zero, prepared my system for the intense cold, which we endured during our journey through that elevated country. Twice only did our party find it too cold to travel longer than half an hour, without stopping and making a large fire to keep ourselves from freezing. We were all mounted at the time, but we found it necessary to walk a greater part of the way, to keep up a circulation of the blood.

It is judiciously ordained by a kind Providence, that the cold as well as heat, gradually increases in intensity.

If the human body at a temperate heat, say 80º was suddenly exposed to a temperature of 30º below zero, in which we travelled without any extra clothing, no ill effect resulting, we should not have been able to exist for an hour.

Let us then humbly acknowledge that to the great Omnipotent, we owe our being and all the benefits we receive.

MY FIRST JOURNEY ON FOOT.

It was a very cold day in December; the snow covered the immense mountain, over which we had to travel, and right merrily we all followed each other's footsteps in the deep snow.

When we arrived at the foot of the rugged mountain, it was found necessary to dismount, and lead our animals along the intricate and tortuous path. As usual I was at the rear of the cavalcade; I threw the bridle over my pony's head, and followed slowly behind him. I plunged frequently up to my neck in chasms of snow. My efforts to extricate myself cost me some time, and when I regained my footing, I discovered my pony about fifty yards ahead, trying to regain the party. I redoubled my exertions to reach him—I halloed all to no purpose—I sank down exhausted on a rock, with the dreadful reality that I was alone, and on foot on the mountains of eternal snow, with a long day's journey before me.

Gathering fresh strength and courage from the serious position I found myself in, I scrambled up that mountain with a heart palpitating so loudly, that I could count its pulsations. In this manner, alternately resting, I reached the top. On looking on the other side, the only indication of the party, was their deep trail in the frozen snow.

I commenced descending, and at considerable distance below me, I fancied I saw a moving object under a tree; continuing in the

track, slipping at times a distance of ten or fifteen feet, until some disguised rock brought me up, I reached the bottom, where I found my pony tied to a tree, immediately on the trail.

No shipwrecked mariner on beholding the approach of a friendly vessel to deliver him from certain death, ever felt greater joy than I did, when I realized that it was my horse which I saw.

This incident was most injurious to me, and I felt its effects for several days, both in body and mind. I mounted my pony, and arrived in camp at dark, some four or five hours after the rest of the party.

Captain Wolff saw my pony riderless, and suspecting that he had escaped from me, caught and tied him up in the place where he was sure to be found; thus repaying me a hundred fold for my medical advice and attendance on Salt Creek.

HORSE STEAKS FRIED IN TALLOW CANDLES, AND BLANC MANGE FOR DESSERT.

At Bent's Fort, Col. Fremont had several pounds of candles made out of buffalo tallow; the want of convenient boxes to convey them, resulted in many of them being broken to pieces, so as to render them useless as candles. On the first of January, 1854, our men were regaled by unexpected, though not unwelcome luxuries.

I had reserved with religious care, two boxes containing one pound each, of Alden's preserved eggs and milk.—(The yolks of the eggs were beaten to a thick paste with a pound of loaf sugar, the milk was also prepared with powdered sugar, and hermetically sealed in tin cases.)—These two tins I had stowed away in my boxes, being the remains of the six dozen which had been wantonly destroyed at our six weeks camp on Salt Creek.

Nobody knew I had them. A paper of arrow root, which my wife had placed in my trunk, for diet, in case I was sick, I had also reserved. These three comestibles, boiled in six gallons of water, made as fine a blanc mange as ever was *mangéd* on Mount Blanc. This "dessert" I prepared without the knowledge of Col. Fremont.

Our dinner, in honor of "New Year's Day," consisted, besides our usual "horse soup," of a delicious dish of horse steaks, fried in the remnants of our "tallow candles." But the satisfaction and astonishment of the whole party cannot be portrayed, when 1 introduced, as dessert, my incomparable blanc mange. "Six gallons of *bona fide*," nourishing food, sweetened and flavored! It is hardly necessary to say, that it disappeared in double quick time. The whole camp had a share of it; and we were all sorry that there was "no more left of the same sort."

Several days after we came down from the Cochotope Pass, it became necessary to ascend a very high and excessively steep mountain of snow. When we were half way up, one of the foremost baggage mules lost his balance, from his hind feet sinking deep in the snow. Down he tumbled, heels-over-head, carrying with him nearly the whole cavalcade, fifty odd in number, several hundred feet to the bottom.

It was a serious, yet a most ludicrous spectacle, to witness fifty animals rolling headlong down a snow mountain, gaining fresh

impetus as they descended, unable to stop themselves. The bales of buffalo robes, half buried in the snow, lodged against an old pine tree, the blankets scattered everywhere; my boxes of daguerreotype materials uninjured, although buried in the snow. Considerable time was occupied in searching after them.

I found myself standing up to my eyes in snow, high up the mountain, witnessing this curiously interesting, although disastrous accident; for, when we collected ourselves and animals together, we found that one mule and one horse were killed. This scene made a deep impression upon me. Night came upon us before we were ready to leave the spot. We camped on the same place of the night before.

A snow storm commenced raging, which detained us in this situation for another day; when, determined to cross the mountain, we all recommenced the ascent, and successfully arrived, though much exhausted, without further accident, at the top, and encamped on its summit in snow four feet deep.

That night the thermometer sank very low, and the men stood to their waists in snow, guarding the animals to prevent their running away in search of grass, or something to eat.

We descended the mountain the next day. Our tent poles, belonging to the large lodge, were broken by their contact with the trees in the winding path. The lodge, afterwards, became useless, and the men, myself among them, had to sleep out upon the open snow, with no covering but our blankets, etc.

Chapter 15.

Incidents of Travel and Adventure in the Far West

Descent of Snow Mountains—Gun for a Walking-stick—Indian Tracks—Examination of Arms—Predicament of the Author—Lecture from Col. Fremont—Wild Horse Killed by Indians—Utah Indian Village—Encampment—Trade for Venison—Camp at Night—Surrounded by armed Indians—They Demand Payment for the Horse Killed by the Indians—Col. Fremont's Justice—Indians want Gunpowder—Their Demand Refused—Massacre of the Party Threatened—Defiance—Pacification—Author Trades for a Horse—He Leaves his Colt's Revolver in Camp—Runaway Horse—Author Finds himself in a Sage Bush—Pistol Recovered—Trouble in Perspective—Exchanges Horses—Lame Horse—Author on Foot—Regrets that he was not Educated for a Horse-Breaker.

AFTER descending a very steep mountain, on the snows of which we passed the coldest night I experienced during the journey, the thermometer, at daylight, being 30 degrees below zero, we camped on a creek fringed with willows and interspersed with cotton-wood. The country indicating that there might be game about, our Delawares sallied out in quest of some.

We at this time were on rations of meat-biscuit,* and had killed our first horse for food. Towards night, our hunters returned, and brought with them the choice parts of a fine fat, young horse that they had killed. He was one of three or four wild ones which they discovered grazing some four miles from camp.

* A preparation made by saturating flour with the juices of boiled beef, and then baked into biscuit.

Our men, in consequence, received a considerable addition to their stock of provisions, which, when cooked, proved much more palatable than our broken down horses.

The Delawares also discovered recent footprints of Utah Indians. This information caused Col. Fremont to double the guard and examine the arms of the whole party, who hitherto had been warned by him of the necessity there was for keeping them in perfect order.

Suddenly it occurred to me that my double-barrel gun might be out of order: I had used it as a *walking-stick*, in descending the mountain that day; the snow was so deep that I was obliged to resort to that course to extricate myself from the drifts.

I quietly went to the place where I had laid it down, and attempted to fire it off; both caps exploded, but the gun did not go off, the barrels being filled with frozen snow. The quick ear of Col. Fremont heard the caps explode. He approached me very solemnly and gave me a lecture, setting forth the consequences which might have ensued from a sudden attack of the Indians on our camp. "Under present circumstances, Mr. Carvalho," said he, "I should have to fight for you." His rebuke was merited, and had its effect throughout the camp, for all the men were most particular afterwards in keeping their arms in perfect order.

We travelled that day nearly twenty miles, and encamped outside of a Utah Indian village, containing a large number of lodges and probably several hundred persons.

The men were mostly armed with rifles, powderhorns, and also with their Indian implements of warfare. On our mules was packed the balance of our "fat horse" of the night before.

These Indians received us very kindly, and during the evening we exposed our wares, viz.: blankets, knives, red cloth, vermilion, etc., etc., which we brought along to conciliate the Indians, and also to trade with them for horses and venison.

We made several purchases, and traded for several small lots of fat venison.

About nine o'clock, after placing double guard around bur animals and while we were regaling on fat deer meat in Col. Fremont's lodge, we heard loud noises approaching the camp; voices of women were heard in bitter bewailment. I thought it was a religious ceremony of Indian burial, or something of the kind. Col. Fremont requested me to see from what it proceeded. I found the whole Indian camp in procession assembled around our lodge. The warriors were all armed, headed by a halfbreed, who had been some time in Mexico, and had acquired a smattering of the Spanish language; this man acted as interpreter. Understanding the Spanish language, I gleaned from him that the horse our Delawares had killed the evening before, some twenty miles away, belonged to one of the squaws then present, who valued it very highly, and demanded payment.

On informing Col. Fremont, who denied himself to the Indians, he remarked that "we had no right to kill their horse without remunerating them for it." The man in charge of the baggage was deputed to give them what was a fair compensation for it.

The Indians having seen our assortment, wanted a part of everything we had, including a keg of gunpowder.

To this demand Col. Fremont gave an absolute refusal, and at the same time emphatically expressed his desire that the men should not sell, barter, or give away a single grain of gunpowder, on pain of his severest displeasure.

The Indians then threatened to attack us. Col. Fremont defied them. After considerable parleying, we succeeded in pacifying them.

As it was the intention of Col. Fremont to leave camp at an early hour, I unpacked my daguerreotype apparatus, at daylight, and made several views.

While engaged in this way, one of the Utah Indians brought into camp a beautiful three-year-old colt, and offered to trade him with me; he was a model pony—dark bay color, in splendid order, sound in wind and limb, and full of life and fire. My poor buffalo Pungo had, three days before, been shot down for food, and in consequence I was literally on foot, although I was using one of the baggage animals for the time.

With permission of Col. Fremont I traded for him; I gave him in exchange one pair of blankets, an old dress coat, a spoiled daguerreotype plate, a knife, half an ounce of vermilion and an old exhausted pony, which we would have been obliged to leave behind; previous to the trade, I had never mounted him, but I saw the Indian ride him, and his movements were easy and graceful. The Indian saddled him for me, as I was otherwise engaged and did not notice him during the operation. By this time the rest of the party were all mounted, and I never jumped on him until the last moment; he winced a little under the bit, the first one he ever had in

his mouth, but cantered off at a round pace, I would not at that moment have taken $500 for him. I considered myself safely mounted for the rest of the journey.

After we had proceeded about two miles, my pony prancing and caracoling to the admiration of the whole party, I discovered that I had left my Colt's navy revolver in camp. I told Col. Fremont of my carelessness, and he smilingly sent one of the men back with me to look for it. I must confess I had not the slightest hopes of finding it, nor had he.

At the time we started, there must have been two hundred Utah men, women, and children at our camp, and if one of them had picked it up, it was most unlikely I should ever receive it again. They had shown some hostility, and although I was not afraid to go back, I thought some danger attended it—Frank Dixon accompanied me.

My pony finding his head turned homeward, commenced champing at his bit, and working his head and body endeavoring to get away. I prided myself on being a good horseman, but this fellow was too much for me.

He got the bit between his teeth and off he started at a killing pace for camp. In less than five minutes I found myself in a wild sage bush on the road; the saddle had slipped round his body, which was as smooth as a cylinder, while I, losing my balance, slipped off.

My pony was quietly grazing in the Indian camp, when I, riding double with Frank, arrived there. The most important thing, was my pistol; I proceeded immediately to the spot, and, hidden in the long grass, where I laid it down, I found it.

With the assistance of the Utahs, my pony was captured, and doubling the saddle-blanket , I attempted to draw the girth tightly—he resisted, and gave considerable trouble; but I was finally mounted, and away we cantered after our party, which we overtook after a couple of hours' ride.

This animal continued to trouble me every morning afterwards. On one occasion, I was saddling him, to perform which operation, I had to tie him to a tree, if one was at hand; at the time I now describe, he was tied to a tree, and in vain I endeavored to place the saddle on him, finally, he reared, and planted both feet on my breast, and I barely escaped with my life, yet my pride never suffered me to complain about it. Sometimes one of my comrades would assist me, but on this occasion, Col. Fremont saw my predicament; in a few minutes, his servant, "Lee," came to me, and said, "he was more accustomed to break horses than I was," and offered to exchange with me, until mine was more manageable.

This man rode a cream colored pacer, which Col. Fremont wanted to take through to California, if possible, as a riding horse for his daughter. I need not say how gladly I accepted this offer. I rode out of camp that morning much lighter in spirits, although suffering somewhat from the bruises I received. The horse I exchanged for, was a pacer, he had no other gait; and unaccustomed to it, I did not notice, until one of the Delawares pointed out to me, that there was any defect in him.

Captain Wolff was riding by my side during the day, and expressed in his Indian manner, how surprised he was that I had exchanged my fresh pony for a lame pacer, "one day more, that horse no travel, Carvalho go foot again!"

His prognostications proved, alas, too true, for on the second day, he was so lame that I could not ride him, and I remained on foot, while my beautiful pony was gallantly bearing the cook.

The horse, he said, was not lame when he gave him to me, and I could not prove that he was, so I was constrained to submit, but I never saw this man galloping past me, while I was on foot, that I did not regret I was not brought up as an "ostler and professional horsebreaker."

Chapter 16.

Incidents of Travel and Adventure in the Far West

Grand River—Descent of Mounted Indians into Camp—Military Reception—Their demands—Trouble Expected—Excitement of the Author—Exhibition of Colt's Revolvers—Col. Fremont's Knowledge of Indian Character—The Great Captain in his Lodge—Alarm of the Indian—Quadruple Guard—Departure of Indians—Vigilance the price of Safety—Crossing of the Grand River—Horse Killed for Food—Review of Our Position—Impressive Scene—Cold Night—Mr. Fuller—Whites without Food—Beaver Shot—The Camp under Arms—False Alarm.

WHEN we left the Utah village, we travelled a long day's journey, and camped on the Grand River, thirty miles from the last camp; my pony behaved admirably well on the road, and I would not have parted with him on any account.

While at supper, the guard on the look-out gave the alarm that mounted Indians were approaching, the word was given to arm and prepare to receive them.

About fifty or sixty mounted Utah Indians, all armed with rifles, and bows and arrows, displaying their powder horns and cartouch boxes most conspicuously, their horses full of mettle, and gaily caparisoned, came galloping and tearing into camp.

They had also come to be compensated for the horse we had paid for the night before; they insisted that the horse did not belong to the woman, but to one of the men then present, and threatened, if we did not pay them great deal of red cloth, blankets, vermilion, knives, and gunpowder, they would fall upon us and massacre the whole party.

On these occasions, Col. Fremont never showed himself, which caused the Indians to have considerable more respect for the "Great Captain," as they usually called him; nor did he ever communicate directly with them, which gave him time to deliberate, and lent a mysterious importance to his messages. Very much alarmed, I entered Col. Fremont's lodge, and told him their errand and their threats. He at once expressed his determination not to submit to such imposition, and at the same time, laughed at their threats; I could not comprehend his calmness. I deemed our position most alarming, surrounded as we were by armed savages, and I evidently betrayed my alarm in my countenance. Col. Fremont without apparently noticing my nervous state, remarked that he knew the Indian character perfectly, and he did not hesitate to state, that there was not sufficient powder to load a single rifle in the possession of the whole tribe of Utahs. "If," continued he, "they had any ammunition, they would have surrounded and massacred us, and stolen what they now demand, and are parleying for."

I at once saw that it was a most sensible deduction, and gathered fresh courage. The general aspect of the enemy was at once changed, and I listened to his directions with a different frame of mind than when I first entered.

He tore a leaf from his journal, and handing it to me, said: here take this, and place it against a tree, and at A distance near enough to hit it every time, discharge Your Colt's Navy six shooters, fire at intervals of from ten to fifteen seconds-and call the attention of the Indians to the fact, that it is not necessary for white men to load their arms.

I did so; after the first shot, they pointed to their own rifles, as much as to say they could do the same, (if they had happened to have

the powder), I, without lowering my arm, fired a second shot, this startled them.

I discharged it a third time—their curiosity and amazement were increased: the fourth time, I placed the pistol in the hands of the chief and told him to discharge it, which he did, hitting the paper and making another impression of the bullet.

The fifth and sixth times two other Indians discharged it, and the whole six barrels being now fired it was time to replace it in my belt.

I had another one already loaded, which I dexterously substituted, and scared them into an acknowledgment that they were all at our mercy, and we could kill them as fast as we liked, if we were so disposed.

After this exhibition, they forgot their first demand, and proposed to exchange some of their

horses for blankets, etc.

We effected a trade for three or four apparently sound, strong animals; "Moses," one of the Delaware chiefs, also traded for one, but in a few days they all proved lame and utterly useless as roadsters, and we had to kill them for food.

The Indians with the consent of Col. Fremont, remained in camp all night; they had ridden thirty miles that day, and were tired. On this occasion, eleven men, fully armed, were on guard at one time.

The Indians who no doubt waited in camp to run our horses off during the night, were much disappointed in not having an opportunity. They quietly departed the next morning, while our whole camp listened to the energetic exclamation of Col. Fremont, that the "price of safety is eternal vigilance."

The crossing of the Grand River, the eastern fork of the Colorado, was attended with much difficulty and more danger. The weather was excessively cold, the ice on the margin of either side of the river was over eighteen inches thick; the force of the stream always kept the passage in the centre open; the distance between the ice, was at our crossing, about two hundred yards. I supposed the current in the river to run at the rate of six miles an hour. The animals could scarcely keep their footing on the ice, although the men had been engaged for half an hour in strewing it with sand. The river was about six feet deep, making it necessary to swim our animals across; the greatest difficulty was in persuading them to make the abrupt leap from the ice to the roaring gulph, and there was much danger from drowning in attempting to get on the sharp ice on the other side, the water being beyond the depth of the animals, nothing but their heads were above water, consequently the greater portion of their riders' bodies were also immersed in the freezing current.

To arrive at a given point, affording the most facilities for getting upon the ice, it was necessary to swim your horse in a different direction to allow for the powerful current. I think I must have been in the water, at least a quarter of an hour. The awful plunge from the ice into the water, I never shall have the ambition to try again; the weight of my body on the horse, naturally made him go under head and all; I held on as fast as a cabin boy to a main-stay in a gale of wind. If I had lost my balance it is most probable I should

have been drowned. I was nearly drowned as it was, and my clothes froze stiff upon me when I came out of it. Some of the Delawares crossed first and built a large fire on the other side, at which we all dried our clothes standing in them.

It is most singular, that with all the exposure that I was subjected to on this journey, I never took the slightest cold, either in my head or on my chest; I do not recollect ever sneezing. While at home, I ever was most susceptible to cold.

The whole party crossed without any accident; Col. Fremont was the first of our party to leap his horse into the angry flood, inspiring his men, by his fearless example to follow.

"Julius Caesar crossed the Rubicon with an immense army; streams of blood followed in his path through the countries he subdued, to his arrival at the Eternal City, where he was declared dictator and consul."

On a former expedition, Col. Fremont crossed the Grand River with a handful of men; but no desolation followed in his path. With the flag of his country in one hand and the genius of Liberty resting on his brow, he penetrated through an enemy's country, converting all hearts as he journeyed, conquering a country of greater extent than Caesar's whole empire, until be arrived at San Francisco, where he became military commandant and governor in chief of California, by the simple will of the people. Fremont's name and deeds, will become as imperishable as Caesar's.

At last we are drawn to the necessity of killing our brave horses for food. The sacrifice of my own pony that had carried me so bravely in my first buffalo hunt, was made; he had been running loose for a week unable to bear even a bundle of blankets. It was a solemn event with me, and rendered more so by the impressive scene which followed.

Col. Fremont came out to us, and after referring to the dreadful necessities to which we were reduced, said "a detachment of men whom he had sent for succor on a former expedition, had been guilty of eating one of their own number." He expressed his abhorrence of the act, and proposed that we should not under any circumstances whatever, kill our companions to prey upon them. "If we are to die, let us die together like men." He then threatened to shoot the first man that made or hinted at such a proposition.

It was a solemn and impressive sight to see a body of white men Indians, and Mexicans, on a snowy mountain, at night, some with bare head and clasped hands entering into this solemn compact. I never until that moment realized the awful situation in which I, one of the actors in this scene, was placed.

I remembered the words of the sacred Psalmist, (Psalm cviii. 4-7) and felt perfectly assured of my final deliverance.—"They wandered in the wilderness in a solitary way: They found no city to dwell in.

"*Hungry* and *thirsty* their souls fainted within them. Then they cried unto the Lord in their trouble, and he *delivered them* out of their distresses.

"And he led them forth by the *right way* that they might go to a *city of habitation*.

"Oh, that *men* would *praise the Lord* for his goodness, and for his wonderful works to the children of men."

It was a clear, cold night, on the Eagle Tail River, after a long fast, and a dreary walk, our men had returned supperless to sleep on their snowy bed, and with no prospect of anything to eat in the morning, to refresh them for another day's tramp. It was a standing rule in camp that a rifle discharged between the set of watch at night until daylight, was a signal that Indians were approaching, and this rule had been strictly observed, as a safeguard to the party. I have seen our camp on Salt Creek surrounded with wolves—they even came within its precincts and stole our buffalo meat, but our Delawares would never allow an arm to be discharged. On this occasion, Mr. Fuller was on guard, and it was a few days before he gave out. We had been twenty-four hours without a meal, and as may be supposed, he was as hungry as the rest of us; while patrolling up and down the river on the banks of which we were encamped, his keen eye discovered a beaver swimming across the stream; he watched it with rifle to his shoulder, and as it landed, he fired and killed it.

The sudden discharge of a rifle during a still night, under overhanging mountains, and in the valley of the river where we expected to find Indians, made a tremendous explosion. The sound reverberated along the rocks, and was re-echoed by the valley. Instantly the whole camp was on duty. Col. Fremont who had been making astronomical observations, had but a few moments previously retired to rest. He rushed out of his lodge, completely armed, the party assembled around it and all were filled with the utmost anxiety and alarm. We did not know the number or character of the enemy, but we were all prepared to do battle to the death. In a few moments, one of the Delawares approached camp dragging after him an immense beaver, which he said Mr. Fuller had killed for breakfast. The sight of something to eat, instead of something to fight, created quite a revolution of feeling; and taking into consideration the extremity, which caused Mr. Fuller to break through the rule, Col. Fremont passed it off quietly enough. Poor Fuller did not realize the excited condition of the camp, until he was relieved from duty. Our beaver for breakfast, when Fuller told Col. Fremont so anxious and delighted at seeing the beaver entirely forgot the rule of the camp.

Chapter 17.

Incidents of Travel and Adventure in the Far West

Divide between Grand and Green River—Capt. Gunnison's Trail—Without Water—Formation of the Country—Castellated Bluffs—Green River Indians—Crossing of the Green River—Interview with Indians—Disappointment—Grass-seed—Manner of Preparing it for Food—Horse Purchased —Starving Condition of the Whites—Incident Exhibiting the Moral Dishonesty of one of the Men—Name not Published—Dinner on Porcupine —"Living Graves"—Tempestuous Night—Reflections on Guard—No Grass—Frozen Horse Liver—Blunted Feelings.

THE divide between Grand River and the Green River, (the eastern and western forks of the Colorado) is barren and sterile to a degree. At the season that we crossed, there was no water between the two rivers, a distance of about forty miles. Capt. Gunnison's wagon trail was still plainly visible at the crossing of a gully, now however without water.

That party must have had great difficulty in transporting their wagons across it. From its appearance, a tremendous body of water must have forced a passage through the gully, at that time. Dwarf artemisia grows sparsely on this sandstone formation.

At the roots of the artemisia still remained small quantities of dry powdered snow. To allay my thirst, I have put my head under the bush, and lapped the snow with my tongue. The descent into the valley of the Green River was over most dangerous projections of different strata of rock, thrown into its present state by some convulsion of nature.

When we arrived at the river, we saw on the high sand bluffs, on the opposite side, several Indians, whose numbers soon increased. As our party was much exhausted for want of wholesome food, we were buoyed up with hopes that we could obtain supplies from them.

We crossed the river, and were conducted by the Indians to a fertile spot on the western bank of it, where their village was. We found that they lived on nothing else but grass-seed, which they collected in the fall. Their women parch it, and grind it between stones. In this manner it is very palatable, and tastes very much like roasted peanuts.

This, their only article of food, was very scarce, and we could procure only a small supply. I parted with everything out of my daguerreotype boxes that I did not require, and several articles of necessary clothing, for about a quart of it. It is very nourishing, and very easy of digestion. The quantity I had, lasted me for three days. I made a hearty meal of it the night we camped among them.

To the sustaining properties of this cereal, I firmly believe, I owe the strength which enabled me to undergo the physical exertion that was required to reach the settlements.

Each man procured a more or less quantity.

Col. Fremont purchased a lame horse, in very good condition, which was slaughtered at this camp; and an incident occurred which proved to me the real character of one of my companions.

At the killing of this horse, nearly all the men were present. They had not tasted food for nearly two days, and were, consequently, ravenous, and thought of nothing else but satisfying the cravings of hunger. As soon as the horse was slaughtered, without exception, every one cut off a piece, and roasted it at the different camp fires. This was contrary to camp discipline; and, a complaint was made to Col. Fremont, by one of the Delawares, of what was going on, Mr. was among the first to cut off pieces from the meat, and he devoured larger quantities than the rest of us. When Col. Fremont was approaching, he took his pencil and paper out of his pocket, and seating himself by the fire, appeared to be deeply absorbed in his occupation. The rest of us remained where we were, partaking of the roast. Col. Fremont lectured us all for not waiting until supper, to eat our respective shares, and pointed this "gentleman" out as an exception, and as one who exercised "great selfdenial." At the same moment, he had a piece of meat, *covered up in the cinders, at his feet!*

This "gentleman," instead of avowing his complicity, encouraged the mistake of Col. Fremont, by his continued silence. If he ever reads this journal, he will recognize himself, and, probably, not thank me for withholding his "name" from the public.

One of the most tiresome and unpleasant of duties devolves on those of the party who are at the end of the cavalcade. This duty is, driving up the animals which, either from exhaustion or other causes, linger on the road. Stopping on the trail to make daguerreotypes, generally placed me in the rear; and I have often overtaken the muleteers with a dozen lazy or tired animals, using,

All in vain, all their endeavors to make them go ahead. As a rule, I always assisted them, sometimes on foot, and in the earlier part of the journey on horseback. When a mule takes a stand, and determines not to budge a step, it requires a man with an extraordinary stock of patience to wait upon his muleship's leisure.

The idea frequently suggested itself, that I should change my professional card-plate, and add instead, *my name with "M.D."* attached, as significant of my new office.

DINNER ON PORCUPINE

A large porcupine was killed and brought into camp to-day by our Delawares, who placed it on a large fire burning off its quills, leaving a thick hard skin, very like that of a hog. The meat was white, but very fat, it looked very much like pork. My stomach revolted at it, and I sat hungry around our mess, looking at my comrades enjoying it. The animal weighed about thirty pounds.

RELIEVE THE GUARD

I was awakened one night by a rude push from the officer of the guard, who was a huge "Delaware." "Carvalho, go watch horse." "Twelve o'clock." I put my head out of my buffalo robe, and received a pile of fresh snow upon me. I had laid myself down on a snowbank, before a scanty fire of artemisia. I had my clothes on, and wrapped in my buffalo robe, I had sought a few hours sleep until my turn to guard arrived.

I came into camp exhausted, from a ten mile travel on foot, over an irregular and broken road. I had stopped to make daguerreotypes;

in consequence, I was detained, and did not get to camp until near eight o'clock.

With some difficulty I threw off the heavy snow which enveloped me, and soon discovered that a northeast snow storm was furiously raging. The fire was extinguished, and six inches of snow now lay on the ashes. I took hold of my gun from under my buffalo robe, and asked the Delaware, "where the animals were."

He pointed in the direction, and replied,—"horses on the mountain, one mile away." I looked out, but could not see ten feet ahead. I thought of the remark my good old mother made on a less inclement night, when I was a boy, and wanted to go to play. "I would not allow a cat to go out in such weather, much less my son."

Dear soul! how her heart would have ached for me, if she had known a hundredth part of my sufferings.

I followed in the direction given me, and succeeded in finding the animals. I relieved my companion, and walking in snow up to my waist, around the animals for two hours, formed my sole occupation.

There was no grass. The horses and mules were hungry, and whenever they could steal a chance, they would wander out of the corral, and give us trouble to hunt them back; on this night they were very restless, and gave the guard continual exercise, which was also necessary to keep the life within them; it was comparatively easy to walk around in the track; but when one went astray, every step you took, plunged you two feet deep in the snow, making it a most tiresome and arduous task. The two hours seemed at least six, before I was relieved, when groping my way down the mountain side, I followed the trail to camp; by this time the last guard had made a fresh fire of artemisia, which consumes quickly, and burns brightly while consuming. I laid on a fresh pile, and by its light I saw the living graves of my companions; there they lay, with snow underneath them for a bed, and the "cold mantle of death," as it were, above them for a coverlid.

Cold, tired and hungry, I rested myself before the fire, and warmed my frozen limbs.

Some little distance from the fire, now covered with snow, lay the frozen meat of the horse we had killed the night before; all in the camp were fast wrapped in sleep. I was the only one awake. Taking out my jackknife, I approached the pile of meat intended for the men's breakfast, and cutting about a half pound of the liver from it, I returned to the fire, and without waiting to cook it, I consumed it raw—the finer feelings of my nature were superseded by the grosser animal propensities, induced most probably from the character of the food we had been living upon for the last forty days.

I filled my pipe, and sat wrapped in my robe, enjoying the warmth of my fire, determined to remain by it until my tobacco was consumed.

The wind, which had been blowing from the N.E., now chopped round to the N.W., dissipating the snowclouds. The glorious queen of night shone forth in resplendent brilliancy. With the change of wind came an increase of cold—the thermometer, at daylight that morning indicated 20º below zero. One of my feet which was much blistered became numbed, and gave me intense pain. I took off

my moccasin, and rubbing my foot in the snow to create circulation, I partially relieved it.

Finding it more comfortable, lying down, I crept under the snowy robe, and made the comparison of the warm rooms, feather beds, and silken canopies of the St. Nicholas wedding-chamber, with our snow-wreathed pillows, airy rooms, and the starry canopy of heaven.

Chapter 18.

Incidents of Travel and Adventure in the Far West

Careless Packing of Animals—Mule Missing—Their value as Roadsters—Col. Fremont's Horse gives out—His Humanity Exemplified—Wolf killed for Food—Raven Shot—River Bottom—Original Forest—Large Camp Fires—Terrible Rain Storm—Disagreeable Bed—Darkness—Fires Extinguished—Value of Rain—Glorious Sunrise—Contrast with Home Comforts.

CARELESS PACKING OF THE MULES.

FROM careless packing of the mules, many of our party were often detained on the road. A bale of blankets or buffalo robes, would be displaced while descending some steep mountain; the mule, finding himself free from his load, would dart off in an opposite direction at full speed; a chase ensued, sometimes for over an hour before he could be-captured, repacked, and again placed on the trail.

After performing a most arduous and difficult day's journey of fifteen miles, over continuous ranges of snowy ridges, we discovered that the mule on which was packed the bales of red cloth and blankets, intended for trading with the Indians, was missing. The muleteers did not remember to have seen him during the day. The animal was well trained, and was considered as one of the most willing and docile mules in the lot. Two men were sent back to look for him; it was easy to see if he had left the track, for the snow was unbroken except on the trail made by our own party.

The men not returning in good time, we became alarmed; they, however, made their appearance late in the night, with our lost mule; he was found standing, exactly in the same place where he was packed, behind a tree.

When the animals were driven out of camp, he was partly out of sight, escaped the vigilance of the men, and remained stationary, until our men found him in the evening; a lapse of at least twelve hours.

This incident is related to show the value of Mexican mules as faithful beasts of burthen, on which a great deal of dependence can always be placed. I consider them much preferable for travelling over the plains and mountains; they possess greater powers of endurance under privations. A mule will thrive on provender, that would starve a horse. If a mule gives out from exhaustion; with a day's rest, and a good meal, he will start on his journey, and appear as fresh as he ever was; but if a horse once stops and gives up, it is over with him, he is never fit for travel again. I suppose the noble and willing spirit of the horse, incites him to work until he is incapable of further exertion.

COL. FREMONT'S HORSE.

Col. Fremont started from Westport with a splendid dark bay horse; he was the pride of the party; he was always at the head of the cavalcade, and would sometimes look around, as it were disdainfully on his more humble companions. He felt his breeding, and I have no doubt, knew that he was carrying a gallant officer on his back. The Indians on the plains would have stolen him, and the Indians of the mountains would have given half-a-dozen mustangs for him. Mr. Palmer's horse gave out, and, was consequently on

foot. We had at this time, the Doctor's mule, which we called "the Doctor," after he left us at Bent's Fort—running loose, as a spare animal, to carry the scientific apparatus. Col. Fremont the next day, rode the Doctor, and mounted Mr. W. H. Palmer on his own horse, which be continued to ride for ten days, until he was so exhausted for want of food, that he stopped on the road, and could not be brought into camp. Mr. Palmer came into camp on foot, and told Col. Fremont that his horse was left about five miles on the road, that it was impossible to bring him in.

I shortly afterwards heard Col. Fremont give orders to the Delaware camp, to send out a couple of men to find the horse and shoot it through the head. He had too much affection for the noble animal, to allow him to become a living sacrifice to the voracious wolves. The finer feelings of his heart seemed to govern all his actions, as well towards man as beast.

When it became necessary to slaughter our animals for food, I refrained from eating it in the vain hope of killing game, until exhausted nature demanded recuperation. I then partook of the strange and forbidden food with much hesitation, and only in small quantities. The taste of young fat horse meat is sweet and nutty, and could scarcely be distinguished from young beef, while that of the animal after it is almost starved to death, is without any flavor; you know you are eating flesh, but it contains no juices—it serves to sustain life, it contains but little nutritive matter, and one grows poor and emaciated, while living on it alone. Mule meat can hardly be distinguished from horse meat, I never could tell the difference. During one of the intervals when we were, from our own imprudence, entirely without food, a Delaware killed a coyote, brought it into camp, and divided it equally between our messes—my share remained untouched. I had fasted 24 hours, and preferred to remain as many hours longer rather than partake of it. The habits of the horse and mule are clean; their food consists of grass and grain; but I was satisfied that my body could receive no benefit from eating the flesh of an animal that lived on carrion. Those who did partake of it were all taken with cramps and vomiting.

An old raven that had been hovering around us for several days, "to gather the crumbs from the rich man's table," paid at last the penalty of his temerity by receiving a rifle ball through his head. One of the men picked the feathers from its fleshless body and threw the carcass on the ground before us. It lay there undevoured when we left camp. I have no doubt it subsequently gave employment to a brother raven.

A RAIN STORM.

At the close of a long day's journey we descended into a fertile, although unknown, narrow valley, covered with dense forests of trees; a clear stream of water glided over its rocky bed, in the centre, and immense high sandstone mountains enclosed us; we chose a camp near the entrance of the valley, having deviated from our course, which was over the table land 500 feet above us, to obtain wood and water.

It is not at all improbable that our party were the first white men that ever penetrated into it-it was in reality a primeval forest. Our feet sank deep into the bed of dead leaves, huge trunks of trees in all stages of decay lay strewed around us, while trees of many kinds, were waving aloft their majestic limbs covered with spring foliage, shading our pathway. On the margin of the river grass of good quality grew in abundance, which afforded a delightful meal for our wearied animals. Although there was no snow visible around us, still the weather was cold and raw, the heavens were filled with floating clouds which seemed to increase as the night

advanced. Large camp fires were soon burning, and another of our faithful horses was shot for food.

Selecting as I thought a comfortable place for my sleeping apartment, I made up my bed, placing as usual my India-rubber blanket on the decayed leaves. After supper I laid myself down to rest my exhausted body.

I had been on foot all day, travelling over a rugged country of volcanic formation, with an apology for moccasins on my lacerated and painful feet. I slept soundly until twelve o'clock, when I felt the cold water insinuating itself between my clothes and body. I uncovered my head, over which I had my robe and blankets, to find it raining fast and steadily. In an hour, I found myself laying in water nearly a foot deep. I could not escape from my present situation. Wrapping my India-rubber closely around me, I remained perfectly passive, submitting to the violence of the heaviest and most drenching rain-storm I experienced on the whole journey.

Darkness reigned supreme. Our camp-fires were extinguished, and but for the occasional ejaculations of our men, only the furious raging of the tempest, and the roar of the streams that came bounding in torrents from the table land above, could be heard. My blankets and robe became saturated with water, while my clothes were wet to the skin.

I had ample time to reflect on my position; but while I experienced much personal inconvenience from the storm, the parched earth, over which we had travelled miles without a drop of water, received fresh sustenance from the refreshing shower. The dry and withered grass on our forward path, would be replaced by young tender shoots for our animals to sustain themselves. It is a happy thing for us that futurity is impenetrable, else my fond and fragile friends at home would endure more anguish than they do now, in their ignorance of the situation their husband and son is placed in.

Morning at last dawned, and with it appeared the sun, dissipating the clouds. Our camp equipage was all Soaked. The daguerreotype apparatus was unhurt; my careful precaution always securing it against snow or rain. My polishing buffs I used the next day, when we ascended the mountain; I found them perfectly dry, and worked successfully with them. We remained late in camp the next morning to dry our blankets, etc. This was the first and only real storm of rain, we encountered in a six months' journey.

Chapter 19.

Incidents of Travel and Adventure in the Far West

Crippled Condition of the Party—Mr. Oliver Fuller—Mr. Egloffstien—Mr. Fuller gives out—His Inability to Proceed—Mr. Egloffstien and the Author continue on to Camp for Assistance—Col. Fremont sends Frank Dixon after him—Sorrow of the Camp—Mr. Fuller's Non-Appearance—Delawares sent out to Bring the Men in—Return of Frank Almost Frozen—Restoration of Mr. Fuller—Joy of the Men—Serious Thoughts—The Author Prepared to Remain on the Road—His Miraculous Escape.

MR. EGLOFFSTIEN, Mr. Fuller, and myself were generally at the end of the train, our scientific duties requiring us to stop frequently on the road. Mr. Fuller had been on foot several days before any of the rest of the party, his horse having been the first to give out. On this occasion, we started out of camp together. We were all suffering from the privations we had endured, and, of the three, I was considered the worst off. One of my feet became sore, from walking on the flinty mountains with thin moccasins, and I was very lame in consequence. Mr. Fuller's feet were nearly wholly exposed. The last pair of moccasins I had, I gave him a week before; now his toes were out, and he walked with great difficulty over the snow. He never complained when we started in the morning, and I was surprised when he told me he had "given out."

"Nonsense, man," I said; "let us rest awhile, and we will gather fresh strength." We did so, and at every ten steps he had to stop, until he told us that he could go no further.

Mr. Fuller was the strongest and largest man in camp when we left Westport, and appeared much better able to bear the hardships of the journey than any man in it. I was the weakest, and thought ten days before that I would have given out, yet I live to write this history of his sufferings and death, and to pay this tribute to his memory.

The main body of the camp had preceded us, and. they were at least four miles a-head. Both Mr. Egloffstien and myself offered our personal assistance; Mr. Fuller leaned upon us, but could not drag one foot after the other—his legs suddenly becoming paralyzed. When we realized his condition, we determined to remain with him; to this he decidedly objected—"Go on to camp," said he, "and if possible, send me assistance. You can do me no good by remaining, for if you do not reach camp before night, we shall all freeze to death."

He luckily had strapped to his back his blue blankets, which we carefully wrapped around him. In vain we hunted for an old bush or something with which to make a fire—nothing but one vast wilderness of snow was visible. Bidding him an affectionate farewell, and promising to return, we told him not to move off the trail, and to keep awake if possible.

Limping forward, Egloffstien and myself resumed our travel; the sun had passed the meridian, and dark clouds overhung us. The night advanced apace, and with it an increase of cold. We stopped often on the road, and with difficulty ascended a high hill, over which the trail led; from its summit I hoped to see our camp-fires; my vision was strained to the utmost, but no friendly smoke greeted my longing eyes. The trail lost itself in the dim distance, and a long and weary travel was before us. Nothing daunted, and inspired by the hope of being able to render succor to our friend, we descended the mountain and followed the trail.

It now commenced to snow. We travelled in this manner ten long hours, until we came upon the camp.

Mr. Egloffstien and self both informed Col. Fremont of the circumstance, and we were told that it was impossible to send for Mr. Fuller.

Overcome with sorrow and disappointment, I fell weeping to the ground. In my zeal and anxiety to give assistance to my friend, I never for a moment thought in what manner it was to be rendered. I had forgotten that our few remaining animals were absolutely necessary to carry the baggage and scientific apparatus of the expedition, and that, with a furiously—driving snow-storm, it was almost folly to attempt to find the trail.

While we were speaking at our scanty fire of the unfortunate fate of our comrade, Col. Fremont came out of his lodge, and gave orders that the two best animals in camp should be prepared, together with some cooked horse-meat. He sent them with Frank Dixon, a Mexican, back on the trail, to find Mr. Fuller. We supposed him to have been at least five miles from camp.

There was not a dry eye in camp that whole night. We sat up anxiously awaiting the appearance of Mr. Fuller. Col. Fremont frequently inquired of the guard if Mr. Fuller had come in?

Day dawned, and cold and cheerless was the prospect. There being no signs of our friend, Col. Fremont remarked that it was just what he expected.

Col. Fremont had allowed his humanity to overcome his better judgment.

At daylight, Col. Fremont sent out three Delawares to find the missing men; about ten o'clock one of them returned with Frank Dixon, and the mules; Frank had lost the trail, he became bewildered in the storm, and sank down in the snow, holding on to the mules. He was badly frozen, and became weaker every day until he got to the settlements. Towards night, the two Delawares supporting Mr. Fuller, were seen approaching; he was found by the Delawares awake, but almost senseless from cold and starvation; he was hailed with joy by our whole camp. Col. Fremont as well as the rest of us, rendered him all the assistance in our power; I poured out the last drop of my alcohol, which I mixed with a little water, and administered it to him. His feet were frozen black to his ankles, if he had lived to reach the settlements, it is probable he would have had to suffer amputation of both feet.

Situated as we were, in the midst of mountains of snow, enervated by starvation and disease, without animals to carry us, and a long uncertain distance to travel over an unexplored country; could any blame be attached to a commander of an expedition, if he were to refuse to send back for a disabled man? I say, no, none whatever. Twenty-seven of our animals had been killed for food, and the rest were much reduced, and without provender of any kind in view. If this event had occurred six days later, there would have been no animal strong enough to carry Mr. Fuller into camp.

But suppose he had been disabled while in camp, and unable to proceed, could blame attach to his comrades if he were deserted, and left to die alone? This frightful situation was nearly realized on several occasions. I again answer, no, not any-the safety of the whole party demanded their immediate extrication from the dangers which surrounded them; every hour, every minute , in these mountains

of snow, but increased their perils; on foot, with almost inaccessible rugged mountains of snow to overcome, with no prospects of food except what our remaining animals might afford-to stop, or remain an indefinite time with a disabled comrade, was certain death to the whole party, without benefiting him; his companions being so weak, that they could not carry him along. I made up my mind on one occasion, not to leave camp, my exhausted condition reminded me of the great difficulty and bodily pain which I endured, to reach camp the night before. I was fully prepared to remain by myself, and await my fate. I probably should have done so, but for the fond links which bound me to life, exercising a magic influence which inspired me with fresh courage, and determination. If such had been the case, might not my friends, in the excess of their grief have exclaimed, "Alas! for my poor son, who was left by his companions to perish in the mountains of snow." It would have been difficult to have persuaded my old parents, of the utter impossibility of preventing it. They would have attached cruelty, and neglect, to the whole party, and laid their son's death at the door of their leader.

How is it in war, when the superior force of the enemy demands an immediate retreat by the opposing army, without permitting time to carry the wounded off the field? How is it with a man who falls overboard during a storm, when imminent peril to the vessel and crew would follow an attempt to rescue him? The life of one must be sacrificed for the safety of the whole.

Chapter 20.

Incidents of Travel and Adventure in the Far West

Author nearly gives Out—Family Portraits—Fresh Courage—Dangerous Situation—Lonely Journey—Darkness—Snow Storm—Arrival at Camp—Col. Fremont's Tent—Interview with Col. Fremont—"Cache"—Men on Foot—Daguerreotype Apparatus buried in the Snow—Sperm Candles—Men Mounted on Baggage Animals—Seveir River Beaver Dams—Modus Operandi of killing Horses for Food—Entrail Soup—Hide and Bones Roasted—Influence of Privation on Human Passions.

AFTER we crossed the Green River, the whole party were on foot. The continued absence of nutritious food made us weaker every day. One of my feet was badly frozen, and I walked with much pain and great difficulty; on this occasion my lameness increased to such a degree, that I was the last man on the trail, and my energy and firmness almost deserted me. Alone, disabled, with no possibility of assistance from mortal man, I felt that my last hour had come; I was at the top of a mountain of snow, with not a tree to be seen for miles. Night approached, and I looked in vain in the direction our party had proceeded, for smoke or some indication that our camp was near. Naught but a desert waste of eternal snow met my anxious gaze—faint and almost exhausted, I sat down on the snowbank, my feet resting in the footsteps of those who had gone before me. I removed from my pocket the miniatures of my wife and children, to take a last look at them. Their dear smiling faces awakened fresh energy, I had still something to live for, my death would bring heavy sorrow grief to those who looked to me alone for support; I determined to try and get to camp, I dared not rest my fatigued body, for to rest was to sleep, and sleep was that eternal repose which wakes only in another world. Offering up a silent prayer, I prepared to proceed. I examined my guns and pistols, so as to be prepared if attacked by wolves or Indians, and resumed my lonely and desolate journey. As the night came on, the cold increased; and a fearful snow storm blew directly in my face, almost blinding me. Bracing myself as firmly as I could against the blast, I followed the deep trail in the snow, and came into camp about ten o'clock at night. It requires a personal experience to appreciate the intense mental suffering which I endured that night; it is deeply engraven with bitter anguish on my heart, and not even time can obliterate it.

Col. Fremont was at the camp fire awaiting my arrival. He said he knew I was badly off, but felt certain I would come in, although he did not expect me for an hour.

My haggard appearance sufficiently indicated what I suffered. As I stood by the fire warming my frozen limbs, Col. Fremont put out his hand and touched my breast, giving me a slight push; I immediately threw back my foot to keep myself from falling. Col. Fremont laughed at me and remarked that I had not "half given out," any man who could act as I did on the occasion, was good for many more miles of travel. He went into his tent, and after my supper of horse soup, he sent for me, and then told me why he played this little joke on me; it was to prevent my telling my sufferings to the men; he saw I had a great deal to say, and that no good would result from my communicating it. He reviewed our situation, and the enervated condition of the men, our future prospects of getting into settlements, and the necessity there was for mutual encouragement, instead of vain regrets, and despondency; the difficulties were to be met, and it depended on ourselves, whether we should return to our families, or perish on the mountains; he bade me good night, telling me that in the morning he would endeavor to make some arrangements to mount the men.

The next day, he called the men together and told them that he had determined to "cache" all the superfluous baggage of the camp, and mount the men on the baggage animals, as a last resource. Nothing was to be retained but the actual clothing necessary to

protect us from the inclemency of the weather.

A place was prepared in the snow, our large buffalo lodge laid out, and all the pack saddles, bales of cloth and blankets, the travelling bags, and extra clothes of the men, my daguerreotype boxes, containing besides, several valuable scientific instruments, and everything that could possibly be spared, together with the surplus gunpowder and lead, were placed in it, and carefully covered up with snow, and then quantities of brush to protect it from the Indians. I previously took out six sperm candles from my boxes, and gave them to Lee, the Colonel's servant, in charge; they were subsequently found most useful. A main station was made at this place, so as to be able to find it if occasion demanded that we should send for them.

The men now were all mounted; a large mule was allotted to me, and we again started, rejoicing in having animals to carry us. After this, every horse or mule that gave out, placed a man on foot without the possibility of procuring others, and it was necessary in consequence of the absence of grass, to allow the mules to travel as light as possible; we therefore relieved them frequently by walking as much as we were able.

BEAVER DAMS ON THE SEVEIR RIVER.

When we got to the crossing of the Seveir River, I was almost certain I was within the precincts of civilization. I saw numberless large trees cut down near the roots, appearing to have been hewn with an axe; some of them laid directly across the river; in one place there were three trees lying parallel with each other, evidently intended, I supposed, as a bridge across it; at this spot, the stream was not more than thirty feet wide; no other indication of civilization being around us, I supposed we occupied an old camping ground of Indians. I was doomed to disappointment again; the beavers had constructed the dams, and cut down the trees, and not until I had closely inspected the work, could I believe that they were not the work of men.

MANNER OF DIVIDING THE HORSE MEAT.

When an animal gave out, he was shot down by the Indians, who immediately cut his throat, and saved the blood in our camp kettle. (The blood I never partook of.) The animal was divided into twenty-two parts as follows:—Two for Col. Fremont and Lee, his cook; ten for the Delaware camp, and ten for ours. Col. Fremont hitherto had messed with his officers; at this time he requested that we should excuse him, as it gave him pain, and called to mind the horrible scenes which had been enacted during his last expedition—he could not see his officers obliged to partake of such disgusting food.

The rule adopted was, that one animal should serve for six meals for the whole party.

If one gave out in the meantime, of course it was an exception, but otherwise on no consideration was an animal to be slaughtered, for every one that was killed placed one man on foot, and limited our chance of escape from our present situation.

If the men chose to eat up their six meals in one day, they would have to go without until the time arrived for killing another.

It frequently happened that the white camp was without food from twenty-four to thirty-six hours, while Col. Fremont and the

Delawares always had a meal.

The latter religiously abstained from encroaching on the portion allotted for another meal while many men of our camp, I may say all of them, not content with their daily portion, would, to satisfy the cravings of hunger, surreptitiously purloin from the pile of meat at different times, sundry pieces thus depriving themselves of each other's allowances.

The entrails of the horse were well shaken (for we had no water to wash them in) and boiled with snow, producing a highly flavored soup, peculiar to itself, and readily distinguished from the various preparations of the celebrated "Ude" of gastronomic memory. The hide was roasted so as to burn the hair and make it crisp, the hoofs and shins were disposed of by regular rotation.

Our work was never done. When we got to camp all the men off duty, were dispatched to gather firewood to burn during the night. One might be seen with a decayed trunk on his shoulder, while a half dozen others were using their combined efforts to bring into camp some dried tree.

Col. Fremont at times joined the men in this dutywhen it was peculiarly difficult in procuring the necessary material to prevent us from freezing while we were in camp.

One night we camped without wood, the country around was a waste of snow; we laid down in our blankets, and slept contentedly till morning, and re-commenced our journey without any breakfast.

I have been awakened to go on "guard" in the morning watch, when, looking around me, my companions appeared like so many graves, covered with from eight to ten inches of snow.

Some of our animals would eat the snow, others would not. To keep them alive we had to melt snow in camp kettles and give it them to drink, which process was attended with much fatigue and trouble.

We lived on horse meat fifty days. The passions of the men were so disturbed by their privations, that they were not satisfied with the cook's division of the hide; but one man turned his back, while another asked him who was to have this piece, and that, and so on, until all was divided, and the same process was gone through with in the sharing of the delectable horse soup.

Chapter 21.

Incidents of Travel and Adventure in the Far West

Unsuccessful Attempt to Force a Passage in the Mountains—Delawares sent out to Explore—Their Return—Col. Fremont, Capt. Wolff, and Solomon in Council—Unfavorable Report of Capt. Wolff—Col. Fremont's Determination—Astronomical Observations at Midnight—Col. Fremont's Correctness and Skill Illustrated—Tremendous Mountains of Snow—Successful Ascent on Foot, without Shoes or Moccasins—Tribute to the Genius of Fremont—Col. Fremont's Lodge at Meal-Time—Mr. Oliver Fuller's Death—Sorrow of his Companions—His Last Hours—His Virtues—Indian Camp—Arrival at Parowan—Burial of Mr. Fuller—Author's Physical Condition—Mormon Sympathies—Mr. Heap and his Wives—Mormon Hospitality.

FOUR days before we entered the Little Salt Lake Valley, we were surrounded by very deep snows; but as it was necessary to proceed, the whole party started, to penetrate through what appeared to be a pass, on the Warsatch Mountains. The opening to this depression was favorable, and we continued our journey, until the mountains seemed to close around us, the snow in the canon got deeper, and further progress on our present course was impossible.

It was during this night, while encamped in this desolate spot, that Col. Fremont called a council of Capt. Wolff and Solomon of the Delawares—they had been sent by Col. Fremont to survey the canon and surrounding mountains, to see if a passage could be forced. On their return, this council was held; Capt. Wolff reported it impossible to proceed, as the animals sank over their heads in snow, and he could see no passage out. The mountains which intercepted our path, were covered with snow four feet deep. The ascent bore an angle of forty-five degrees, and was at least one thousand feet from base to summit. Over this, Captain Wolff said it was also impossible to go. "That is not the point," replied Col. Fremont, "we must cross, the question is, which is most practicable—and how we can do it."

I was acting as assistant astronomer at this time. After the council, Col. Fremont told me there would be an occultation that night, and he wanted me to assist in making observations. I selected a level spot on the snow, and prepared the artificial horizon. The thermometer indicated a very great degree of cold; and standing almost up to our middle in snow, Col. Fremont remained for hours making observations, first with one star, then with another, until the occultation took place. Our lantern was illuminated with a piece of sperm candle, which I saved from my pandora box, before we buried it; of my six sperm candles this was the last one. I take some praise to myself for providing some articles which were found most necessary. These candles, for instance, I produced when they were most required, and Col. Fremont little thought where they were procured.

The next morning, Col. Fremont told me that Parowan, a small settlement of Mormons, forty rods square, in the Little Salt Lake Valley, was distant so many miles in a certain direction, immediately over this great mountain of snow; that in three days he hoped to be in the settlement, and that he intended to go over the mountain, at all hazards.

We commenced the ascent of this tremendous mountain, covered as it were, with an icy pall of death, Col. Fremont leading and breaking a path; the ascent was so steep and difficult, that it was impossible to keep on our animals; consequently, we had to lead them, and travel on foot—each man placed his foot in the tracks of the one that preceded him; the snow was up to the bellies of the animals. In this manner, alternately toiling and resting, we reached the summit, over which our Delawares, who were accustomed to

mountain travel, would not of themselves have ventured. When I surveyed the distance, I saw nothing but continued ranges of mountains of everlasting snow, and for the first time, my heart failed me—not that I had lost confidence in our noble leader, but that I felt myself physically unable to overcome the difficulties which appeared before me, and Capt. Wolff himself told me, that he did not think we could force a passage. We none of us had shoes, boots it was impossible to wear. Some of the men had raw hide strapped round their feet, while others were half covered with worn out stockings and moccasins; Col. Fremont's moccasins were worn out, and he was no better off than any of us.

After we were all rested, Col. Fremont took out his pocket compass, and pointing with his hand in a certain direction, commenced the descent. I could see no mode of extrication, but silently followed the party, winding round the base of one hill, over the side of another, through defiles, and, to all appearance, impassable canons, until the mountains, which were perfectly bare of vegetation, gradually became interspersed with trees. Every half hour, a new snow scape presented itself, and as we overcame each separate mountain, the trees increased in number.

By noon, we were in a defile of the mountains, through which was a dry bed of a creek. We followed its winding course, and camped at about two o'clock in a valley, with plenty of grass. Deer tracks were visible over the snow, which gave fresh life to the men. The Delawares sallied out to find some. Col. Fremont promised them, as an incentive to renewed exertions, that he would present the successful hunter, who brought in a deer, a superior rifle.

They were out several hours, and Weluchas was seen approaching, with a fine buck across his saddle.

He received his reward, and we again participated in a dish of wholesome food.

We had now triumphantly overcome the immense mountain, which I do not believe human foot, whether civilized or Indian, had ever before attempted, from its inaccessibility; and on the very day and hour previously indicated by Col. Fremont, he conducted us to the small settlement of Parowan, in Little Salt Lake Valley, which could not be distinguished two miles off, thus proving himself a most correct astronomer and geometrician.

Here was no chance work—no guessing—for a deviation of one mile, either way, from the true course, would have plunged the whole party into certain destruction. An island at sea may be seen for forty miles; a navigator makes his calculations, and sails in the direction of the land, which oftentimes extends many miles; when he sees the land, he directs his course to that portion of it where he is bound; he may have been fifty miles out of his way, but the well-known land being visible from a great distance, he changes his course until he arrives safely in port.

Not so with a winter travel over trackless mountains of eternal snow, across a continent of such immense limits, suffering the privations of cold and hunger, and enervated by disease.

It seems as if Col. Fremont had been endowed with supernatural powers of vision, and that he penetrated with his keen and powerful eye through the limits of space, and saw the goal to which all his powers had been concentrated to reach. It was a feat of scientific correctness, probably without comparison in the records of the past. His firmness of purpose, determination of character, and

confidence in his own powers, exercised under such extraordinary circumstances, alone enabled him, successfully, to combat the combination of untoward and unforeseen difficulties which surrounded him, and momentarily threatened the annihilation of his whole party.

It is worthy of remark, and goes to show the difference between a person "to the manor born," and one who has "acquired it by purchase." That in all the varied scenes of vicissitude, of suffering and excitement, from various causes, during a voyage when the natural character of a man is sure to be developed, Col. Fremont never forgot he was a gentleman; not an oath, no boisterous ebullutions of temper, when, heaven knows, he had enough to excite it, from the continued blunders of the men. Calmly and collectedly, he gave his orders, and they were invariably fulfilled to the utmost of the men's abilities. To the minds of some men, excited by starvation and cold, the request of an officer is often misconstrued into a command, and resistance follows as a natural consequence; but in no instance was a slight request of his received with anything but the promptest obedience. He never wished his officers or men to undertake duties which he did not readily share. When we were reduced to rations of dried horse meat, and he took his scanty meal by himself, he was, I am sure, actuated by the desire to allow his companions free speech, during meal time; any animadversion on the abject manner in which we were constrained to live would, no doubt, have vibrated on his sensitive feelings, and to prevent the occurrence of such a thing, he, as it were, banished himself to the loneliness of his own lodge.

Col. Fremont's lodge, at meal time, when we had good, wholesome buffalo and deer meat presented quite a picturesque appearance. A fire was always burning in the centre; around it cedar bushes were strewn on which buffalo robes were placed. Sitting around, all of us on our hams, cross-legged, with our tin plates and cups at each side of us, we awaited patiently the entrance of our several courses; first came the camp kettle, with buffalo soup, thickened with meat-biscuit, our respective tin plates were filled and replenished as often as required. Then came the roast or fry, and sometimes both; the roast was served on sticks, one end of which was stuck in the ground, from it we each in rotation cut off a piece. Then the fried venison. In those days we lived well, and I always looked forward to this social gathering, as the happiest and most intellectually spent hour during the day. Col. Fremont would often entertain us with his adventures on different expeditions; and we each tried to make ourselves agreeable.

Although on the mountains, and away from civilization, Col. Fremont's lodge was sacred from all and every thing that was immodest, light or trivial; each and all of us entertained the highest regard for him. The greatest etiquette and deference were always paid to him, although he never ostensibly required it. Yet his reserved and unexceptionable deportment, demanded from us the same respect with which we were always treated, and which we ever took pleasure in reciprocating.

MR. FULLER'S DEATH.

The death of Mr. Fuller filled our camp with deep gloom; almost at the very hour he passed away, succor was at hand. Our party was met by some Utah Indians, under the chieftainship of Ammon, a brother of the celebrated Wakara, (anglicized Walker) who conducted us into the camp on Red Creek Canon. At this spot our camp was informed by Mr. Egloffstien, that our companion in joy and in sorrow, was left to sleep his last sleep on the snows. The announcement took some of us by surprise, although I was prepared for his death at any moment. I assisted him on his mule that morning, and roasted the prickles from some cactus leaves, which we dug from the snow, for his breakfast; he told me that he was sure he would not survive, and did not want to leave camp.

A journey like the one we had passed through, was calculated to expose the thorough character of individuals; if there were any imperfections, they were sure to be developed. My friend, Oliver Fuller, passed through the trials of that ordeal victoriously. No vice or evil propensity made any part of his character. His disposition was mild and amiable, and generous to a fault. Slow to take offence, yet firm and courageous as a lion; he bore his trials without a murmur, and performed his duties as assistant astronomer and engineer to the hour he was stricken down. After he was unable to walk, he received the assistance of every man in camp.

His companions who were suffering dreadfully, though not to such an imminent degree, voluntarily deprived themselves of a portion of their small rations of horse meat to increase his meal, as he seemed to require more sustenance than the rest of us. His death was deeply regretted.

Not having any instruments by which a grave could be dug in the frozen ground, Col. Fremont awaited his arrival at Parowan, from which place he sent out several men to perform the last sad duties to our lamented friend.

I was riding side by side with Egloffstien after Mr. Fuller's death, sad and dejected. Turning my eyes on the waste of snow before me, I remarked to my companion that I thought we had struck a travelled road. He shook his head despondingly, replying "that the marks I observed, were the trails from Col. Fremont's lodge poles." Feeling satisfied that I saw certain indications, I stopped my mule, and with very great difficulty alighted, and thrust my hand into the snow, when to my great delight I distinctly felt the ruts caused by wagon wheels. I was then perfectly satisfied that we were "saved!" The great revulsion of feeling from intense despair to a reasonable hope, is impossible to be described; from that moment, however, my strength perceptibly left me, and I felt myself gradually breaking up. The nearer I approached the settlement, the less energy I had at my command; and I felt so totally incapable of continuing, that I told Col. Fremont, half an hour before we reached Parowan, that he would have to leave me there; when I was actually in the town, and surrounded with white men, women and children, paroxysms of tears followed each other, and I fell down on the snow perfectly overcome.

I was conducted by a Mr. Heap to his dwelling, where I was treated hospitably. I was mistaken for an Indian by the people of Parowan. My hair was long, and had not known a comb for a month, my face was unwashed, and grounded in with the collected dirt of a similar period. Emaciated to a degree, my eyes sunken, and clothes all torn into tatters from hunting our animals through the brush. My hands were in a dreadful state; my fingers were frost-bitten, and split at every joint; and suffering at the same time from diarrhoea, and symptoms of scurvy, which broke out on me at Salt Lake City afterwards. I was in a situation truly to be pitied, and I do not wonder that the sympathies of the Mormons were excited in our favor, for my personal appearance being but a reflection of the whole party, we were indeed legitimate subjects for the exercise of the finer feelings of nature. When I entered Mr. Heap's house I saw three beautiful children. I covered my eyes and wept for joy to think I might yet be restored to embrace my own.

During the day I submitted to the operation of having my face and hands washed, and my hair cut and combed. Our combs might have been lost, and this would account for the condition of our hair, but how about the dirty faces? Alas, we had no water, nothing but frozen snow; and although we laved our faces with it, we had no towels to wipe with, and the dirt dried in.

Mr. Heap was the first Mormon I ever spoke to, and although I had heard and read of them, I never contemplated realizing the fact that I would have occasion to be indebted to Mormons for much kindness and attention, and be thrown entirely among them for

months.

It was hinted to me that Mr. Heap had two wives; I saw two matrons in his house, both performing to interesting infants the duties of maternity; but I could hardly realize the fact that two wives could be reconciled to live together in one house. I asked Mr. Heap if both these ladies were his wives, he told me they were. On conversing with them subsequently, I discovered that they were sisters, and that there originally were three sets of children; one mother was deceased, and she was also a sister. Mr. Heap had married three sisters, and there were living children from them all. I thought of that command in the bible,—"Thou shalt not take a wife's sister, to vex her." But it was no business of mine to discuss theology or morality with them—they thought it right.

These two females performed all the duties which devolve on a country home. One of them milked the cow, churned the butter, and baked the bread; while the other cared for the children, attended to the making, washing, and ironing of the clothes. Mr. Heap was an Englishman, and his wives were also natives of London. Mr. Heap was a shoemaker by trade, and a preacher by divine inspiration. Mammon was the god he worshipped, for he gave away nothing without an equivalent—not even a piece of old cloth to line a pair of moccasins with. His wives differed from him in this respect, daily they furnished "Shirt-cup," the "Utah," with everything edible, for numbers of miserable Indians who surrounded their door. The eldest in particular, was a kind-hearted woman; they all, however, showed me as much attention as they could afford, for one dollar and fifty cents a day, which amount Col. Fremont paid for my board while with them, a period of fourteen days.

Chapter 22.

Incidents of Travel and Adventure in the Far West

Sojourn at Parowan—Colonel Fremont refits his Expedition—Illness of the Author—His Inability to Proceed—Takes Leave of Col. Fremont—Mr. Egloffstien and the Author leave to go to Great Salt Lake City in a Wagon—Col. Fremont's Departure—Mormons for Conference—Arrival at Salt Lake City—Massacre of Capt. Gunnison—Interview with Lieut. Beckwith—Mr. Egloffstien appointed Topographical Engineer—Painting Materials—Kinkead and Livingston—Brigham Young—Governor's Residence—Apology for Mormonism among the Masses—Their previous Ignorance of the Practice of Polygamy.

I REMAINED from the 8th to the 21st February at Parowan. I was very ill during the whole time; I was so much enervated by diarrhoea, that my physician advised me not to accompany the expedition; the exertion of riding on horseback would have completely prostrated me, my digestive organs were so much weakened, and impaired, by the irregular living on horse meat, without salt or vegetables, that I was fearful that I should never recover. Col. Fremont was very anxious for me to continue, but yielded to the necessity of my remaining; he supplied me with means to reach home, and on the same day he bade me farewell, to continue his journey over the Sierra Nevada, I left for great Salt Lake City, in a wagon belonging to one of a large company of Mormons, who were on their way to "Conference." I was so weak, that I had to be lifted in and out like a child. To the kind attentions of Mr. Henry Lunt, President of Cedar City, Coal Creek, and his lady, I was indebted for some necessaries, viz.—sugar, tea and coffee, which it was impossible to purchase; they also offered me the use of their wagon, which was better adapted to an invalid, than the one I occupied. Mr. Egloffstien also accompanied me; his physical condition being similar to my own, he could not continue with Col. Fremont; he successfully managed, notwithstanding his illness, to make topographical notes all the way to Great Salt Lake City, a distance of three hundred miles, which we accomplished in ten days, passing through all the different Mormon settlements on the road, particulars of which I shall give in my journal, from Salt Lake City. We arrived at Great Salt Lake City on the night of the 1st of March 1854, and took lodgings at Blair's hotel; in the morning I learned that Lieut. Beckwith and Captain Morris, with the remnant of Captain Gunnison's expedition, were hibernating in the city. I called on Lieut. Beckwith, who invited me and my friend to mess at their table, at E. T. Benson's, one of the Mormon apostles, which I gladly accepted, and that night I found myself once more associating with intelligent gentlemen. The arrival of my friend, Egloffstien, proved very timely; the massacre of the lamented Captain Gunnison and his officers, deprived Lieut. Beckwith of the services of their topographical engineer, to which situation Mr. Egloffstien was immediately appointed, and Lieut. Beckwith generously invited me to accompany the expedition, free of any expense, which I respectfully declined, as I intended to reach California by the Southern route, over the trail of Colonel Fremont, in 1843. To the kindness of Lieut. Beckwith I was also indebted for a supply of painting materials which I could not have procured elsewhere, and by the use of which, I was enabled to successfully prosecute my profession, during my residence in that city.

Messrs. Kincaid and Livingston, cashed Col. Fremont's bills on California, without any discount, and contributed many luxuries which were not on sale, and I feel deeply grateful to them for their disinterested friendship. After I was comfortably settled, I called on Governor Young, and was received by him with marked attention. He tendered me the use of all his philosophical instruments and access to a large and valuable library.

The court-house of the city of the Great Salt Lake lies in 40º 45' 44" N. Lat. 111º 26' 34" W. Longitude, and the city covers an area of four square miles, it is laid out at right angles. The principal business streets run due north and south, a delicious stream of water

flows through the centre of the city, this is subdivided into murmuring rivulets on either side of all the streets. The water coming directly from the mountains, is always pure and fresh, affording this most useful element in any quantity, and within reach of every one, besides creating a healthful influence in the city. Cotton-wood trees grow on the main stream, and saplings had just been planted while I was there, on the sides of the streets. Most of the dwelling-houses are built a little distance from the side-walk, and to each dwelling is appropriated an acre and a quarter of ground, for gardening purposes.

Salt Lake Valley runs east and west, and the city is immediately at the base of a high range of mountains. An adobe wall, twelve feet high, six feet at the base, tapering upwards to 2½ feet, entirely surrounds the city, enclosing an immense area of ground for pasturage, etc. thus protecting the people and cattle from the aggressions of Indians. The Timpanagos mountains are near the city: "Emigration Canon" is the gate (a low depression in the mountains) through which the great tide of emigration flows into the Valley of Great Salt Lake.

The River Jordan runs through the valley and empties into Great Salt Lake. The city is thirty miles from the Lake, and the valley is entirely surrounded with high mountains topped with snow, winter and summer.

The governor's residence, a large wooden building of sufficient capacity to contain his extensive family—nineteen wives and thirty-three children, was nearly finished. I made a daguerreotype view of it, and also a drawing.

The court house is a large square building, on the east side, opposite the Temple square.

The post office occupies the corner on the south side.

The Tabernacle, an unpretending one story building, occupies a portion of the Temple square.

The Temple is in course of building—the foundation is laid—and I was allowed to see the plan projected by a Mr. Angell, who by inspiration has succeeded in producing an exact model of the one used by the Melchizedek Priesthood, in older times.

The theatre, a well built modern building, is opposite to the governor's house on the north, and is the property of the church as are all the public buildings. I may say all the real estate in the valley is the property of the church, for proprietors have only an interest in property so long as they are members of the Mormon Church, and reside in the valley. The moment they leave or apostatize, they are obliged to abandon their property, and are precluded from selling it, or if they do give the bill of sale it is not valid—it is not tenable by the purchaser. This arrangement was proposed by the governor and council, at the conference which took place during my residence among them in 1854, and thousands of property holders subsequently deeded their houses and lands to the church, in perpetuity.

Under the operation of this law, nobody but Mormons can hold property in Great Salt Lake City. There are numbers of citizens who are not Mormons, who rent properties; but there is no property for sale—a most politic course on the part of the Mormons—for in case of a railroad being established between the two oceans, Great Salt Lake City must be the half way stopping place, and the city will be kept purified from taverns and grog shops at every corner of the street. Another city will have to be built some distance from

them, for they have determined to keep themselves distinct from the vices of civilization. During a residence of ten weeks in Great Salt Lake City, and my observations in all their various settlements, amongst a homogeneous population of over seventy-five thousand inhabitants, it is worthy of record, that I never heard any obscene or improper language; never saw a man drunk; never had my attention called to the exhibition of vice of any sort. There are no gambling houses, grog shops, or buildings of ill fame, in all their settlements. They preach morality in their churches and from their stands, and what is as strange as it is true, the people practise it, and religiously believe their salvation depends on fulfilling the behests of the religion they have adopted.

The masses are sincere in their belief, if they are incredulous, and have been deceived by their leaders, the sin, if any, rests on them. I firmly believe the people to be honest, and imbued with true religious feelings,—and when we take into consideration their general character previously, we cannot but believe in their sincerity. Nine-tenths of this vast population are the peasantry of Scotland, England and Wales, originally brought up with religious feelings at Protestant parish churches. I observed no Catholic proselytes. They have been induced to emigrate, by the offers of the Mormon missionaries to take them free of expense, to their land flowing with milk and honey, where, they are told, the Protestant Christian religion is inculcated in all its purity, and where a farm and house are bestowed gratuitously upon each family. Seduced by this independence from the state of poverty which surrounds them at home, they take advantage of the opportunity and are baptized into the faith of the "latter day saints," and it is only after their arrival in the Valley that the spiritual wife system is even mentioned to them. Thousands of families are now in Utah who are as much horrified at the name of polygamy, as the most carefully educated in the enlightened circles of Europe and America. More than two-thirds of this population (at least, this is the ratio of my experience) cannot read or write, and they place implicit faith in their leaders, who, in a pecuniary point of view, have fulfilled their promise; each and all of them are comfortably provided with land and tenements. The first year they, of course, suffer privations, until they build their houses and reap their crops, yet all their necessities in the meantime are provided for by the church, and in a social point of view, they are much happier than they could ever hope to have been at their native homes. From being tenants at will of an imperious and exacting landlord, they suddenly become land holders, in their own right-free men, living on free soil, under a free and enlightened government.

Their religious teachers of Mormonism, preach to them, as they call it, "Christianity in its purity." With their perfect right to imbibe new religious ideas, I have no wish to interfere, nor has any one. All religions are tolerated, or ought to be, in the United States, and I offer these remarks as an apology for the masses of honest men, many of whom have personally told me, that they were ignorant of the practice of polygamy before their arrival in the Valley, and surrounded as they are, by hostile tribes of Indians, and almost unsurmountable mountains of snow, they are precluded from returning home, but live among themselves, practicing as well as they know how, the strict principles of virtue and morality.

Chapter 23.

Incidents of Travel and Adventure in the Far West

Governor Brigham Young—Author's Views on Polygamy—Baptismal Ceremony—Doctrines and Covenants.

I RECEIVED a good deal of marked attention from his excellency, Governor Young; he often called for me to take a drive in his carriage, and invited me to come and live with him, during- the time I sojourned there. This invitation I refused, as I wished to be entirely independent to make observations. I told Brigham Young that I was making notes, with a view to publish them. He replied, "Only publish 'facts,' and you may publish as many as you please." I shall, in the succeeding chapters, give personal relations of facts, with alterations of names only, not wishing to bring the real actors before the public. I offer them to show up the abuses which a polygamous life must be subjected to, when human passions are allowed free scope, and not subject to laws, either social or moral. I hope to live to see a more wholesome feeling, in this respect, among the leaders of the Mormon Church. A continuation of their present practice must inevitably lead to confusion.

CEREMONY OF BAPTISM.

March 30th.—The weather is very cold, and snow lies on the ground to the depth of six inches.

A stream of living water, twelve feet wide, fresh from the mountains, runs along between the sidewalk and the road—the Temple Block. Seeing a crowd assembled, I approached the spot, and found twelve persons, some of whom had already undergone the ceremony of baptism, and others patiently awaiting. The first immersion I saw was of a lady about 18 years of age. The priest who officiated, was standing up to his waist in the stream, with his coat off, and his sleeves rolled up to his elbows. The lady was handed in, and I noticed the shock on her system which a sudden plunge into cold freezing water must naturally have produced. The baptizer placing one hand on her back, the other on her head, repeated the following words: "I am commissioned by Jesus Christ to baptize you, in the name of the Father, and Son, and of the Holy Ghost. Amen."

He then pushed her over on her back, allowing the water to cover her. She struggled to get out of the water, but her husband remarked that the whole of her head had not been submerged, and insisted that "his wife should be properly baptized." She was consequently dipped effectually a second time, and the poor woman finally made her escape, almost frozen.

The next subject was an old lady of seventy-five years. She tottered into the stream by the aid of her crutch, and underwent the same ceremony. Query: would persons submit to those extraordinary tests if they did not possess faith?

The third person was a young man of about twenty years, with a calm, placid countenance. He underwent the operation without flinching. His face was the impersonation of faith and purity. I should have liked to have painted him as a study for a "St. John." They went each on their respective ways, many of them, I dare say, with the seeds of consumption sown at this moment, fully determined to live a life of piety and virtue.

The men, after baptism, are elders, and are empowered to perform the ceremony upon others. They wear an under-garment with distinctive marks upon it, in imitation of the Jews, "who all wear fringes on the borders of their garments, that they may look upon them and remember the commandments of the Lord to do them. "—*Deuteronomy*.

There are two priesthoods in the Mormon Church: the Melchizedek and the Aaronic, including the Levitical. The office of an elder comes under the Melchizedek priesthood. It holds the right of presidency, and has power over all the offices in the Church, in all ages of the world, to administer in spiritual things, and has a right to officiate in all offices of the Church.

The second priesthood is called the Aaronic, because it was conferred upon Aaron and his seed, throughout all their generations. It is secondary to the Melchizedek, and has power to administer outward ordinances.

The bishopric is the presidency of this priesthood, and holds the keys or authority of the same.

No man has a right to this office, to hold the keys of this priesthood, *except he be a literal descendant of Aaron*. But, as a high priest of the Melchizedek priesthood, he has authority to officiate in the office of bishop, when no literal descendant of Aaron can be found —provided he is called, set apart, and ordained by the presidency of the Melchizedek priesthood.

The power and authority of the higher, or Melchizedek, is to hold the keys of all the spiritual blessings of the church—to have the privilege of receiving the mysteries of the kingdom of heaven—to have the heavens opened unto them—to commune with the general assembly and church of the first born, and to enjoy the communion and presence of God, the Father, and Jesus, the Mediator of the New Covenant.

The power of the Aaronic priesthood, is to hold the keys of the ministering angels—to administer outward ordinances—the letter of the Gospel—the baptism of repentance, for the remission of sins, agreeable to the covenants and commandments.

Of necessity, there are presidents growing out of, or appointed from among, those who are ordained to the several offices in these two priesthoods of the Melchizedek.

Three presiding high priests, chosen by the body, appointed, ordained and upheld, by the confidence, faith and prayer of the church, these form a quorum of the presidency. There are also twelve apostles, or travelling counsellors, especial witnesses of the name of Christ, in all the world; thus differing from other offices in the church, in the duties of their calling. They also form a quorum equal in authority, to the "three presidents."

The "seventy," are also called to preach the Gospel, and to be the especial witnesses unto the Gentiles, and in all the world, thus differing from other officers in the church, in the duties of their calling. They also form a quorum, equal in authority to the "twelve apostles," and the "three presidents."

Every decision made by either of these quorums, must be by the unanimous voice of the same—that is, every member in each quorum must be agreed to its decisions, in order to make their decisions of the same power or validity, one with the other: a majority

may form a quorum, when circumstances render it impossible to be otherwise. These decisions are to be made in righteousness, in holiness and lowliness of heart, meekness and long suffering, and in faith, virtue, and knowledge, temperance, patience, godliness, brotherly-kindness and charity.

In case of an unrighteous decision, it must be brought before a convention of the several quorums, which constitute the spiritual authorities of the church—otherwise there is no appeal.

The Gospel is first to be preached unto the Gentiles, secondly, to the Jews.

If a president of the high priesthood transgress, he shall be tried before twelve counsellors of that body, and their decision concerning him shall be binding. Thus none shall be exempted from the justice, and the laws of God, that all things may be done according to truth and righteousness. The duty of the President (Brigham Young), is to preside over the whole church, and to be like Moses. Behold here is wisdom! to be a seer—a revelator—a translator—and a prophet—having all the gifts of God, which he bestows upon the head of the Church.

These form a principal part of the ecclesiastical polity of the Mormon Church of latter day saints.

AUTHOR'S VIEWS ON POLYGAMY

The above are extracts from the "doctrines and covenants" of the Mormons.

Polygamy is practised to very great extent among the high-priests and officers of the church. There are thousands of the Mormons, however, who reprobate, and disapprove of it.

The following questions seem to suggest themselves as bearing upon the polygamy practised by the Mormons. What is their rational plea from revelation as—true believers? Is such a system in conformity thereto—with right reason, and with the requirements of civilized society? Will it improve the physical powers of man; impart additional mental energy, and increase the period of human existence? Is it calculated as a wise providence intended, to perpetuate his species? Does it harmonize with the *requisites* of peace and justice, and the *good order* essential to the happiness of all? In my limited reading of the Scriptures, I find nothing to sanction such a course; on the contrary, there stands at the offset of the creation a negative prohibition in Gen. ii. 22: "And the rib* which the Lord God had taken from man, made he a woman, and brought her to the man." Verse 23d of same chap.—"And Adam said, this is bone of my bone, and flesh of my flesh, she shall be called woman, because she was taken out of man." 24th: "Therefore shall a man leave his father and his mother, and shall cleave unto his wife, and they" (*the two*) "shall be one flesh." It is plain, that if more had been required for the purposes of true connubial love and happiness, and of procreation, it would have been given him, or so advised. Let us look at the 13th verse, 6th chap. of Gen.—"In the self same day entered Noah, and Shem, and Ham, and Japhet, the sons of Noah, and Noah's wife, and the three wives of his sons with them, in the ark." It is plain, at least, in this instance likewise, that Christian bigamists have but little cause for exultation, for it is doubted whether actions of a similar character to that which the Mormons profess, was not one of the prominent vices that occasioned the Deluge. See 6th chap. Gen. from 1st to 7th verses, inclusive. Yet they say that they have Scripture authority I Why, King Solomon had 700 wives and 300 concubines! But was this

evil habit sanctioned by any requisite as regarded his standing as a wise King of Israel? or was it done for the service of the Most High? for we read in Deut., xvii. 14: "When thou art come unto the land which the Lord thy God giveth thee, and shall possess it, and shalt dwell therein, and shalt say I will set a ruler over us." 17. "Then shalt this ruler not multiply wives to himself, that his heart turn not away: neither shall he multiply unto himself silver and gold."

*Let them give a rib for every additional wife.

"King Solomon's wives turned his heart." "That his heart was not perfect with the Lord his God." They can have Scriptural authority (another mantle of purity for their profound consideration) for King David's adultery with Bethsheba—but, alas! for human frailty. If we look to those nations where bigamy, or plurality of women prevails, we see men both physically and constitutionally enervated—effeminacy of character, and little or no desire to cultivate those sciences which it is designed that the human mind should grasp. They stand still, and have done so for centuries. In contemplating its natural results, and its unhappy tendencies, we are brought to consider the causes that originated, or, more properly, engendered the evil, and we are not at a loss to see that it proceeds from habitual and pampered indolence, unreasonable and carnal indulgences, unbridled passions, and the consequent inability of the intellect to discover this moral failing. What would be the consequence, if all the numerous classes of animated beings (other than man), in the particular of regeneration, were unrestricted by the wise ordination of their instinct? The answer would be-frightful havoc and total extinction of their identity. So would it be with man, if his reasoning faculties had not been vouchsafed to him. Thus is he endowed with that quickening judgment to know right from wrong; and we have demonstration that these powers of the mind are rendered languid, and often totally destroyed, by the brutal excesses of the sensualist; and no better term can be applied to the bigamist.

"O! had they but the instinct of the dove,
And could love as well."

We will suppose for an instant that this evil was prevalent throughout the earth; and, for example, let us take a community of 50,000 men and 50,000 women, and class them at a very low estimate, and let us see how it would work; we take it for granted that the number of the two sexes are equally divided:

2,000	**men**	**take**	**10**	**wives each**	**20,000**	**women, which together**	**are**	**22,000**
2,000	**"**		**5**	**"**	**10,000**			**12,000**
1,000	**"**		**2**	**"**	**2,000**			**3,000**

18,000	**"**	**1**	**"**	**18,000**			**36,000**
---------				**---------**			**----------**
23,000				**50,000**			**73,000**

Here we have, by this moderate calculation of the above community of 100,000, 27,000 men wifeless. The natural consequence of such a state of things will lead, in the first place, to discontent, which would grow into jealousy; to tumult, ensanguined and civil controversy, moral depravity, and disorganization of all its elements. It might be said that a very great augmentation will ensue with the growing offspring, but the fair presumption is, that male and female will be equally divided. The 27,000 men would, in any case, have to wait for their chance of getting a wife, or wives, until the young folks become marriageable, which would be at the least fifteen or twenty years (something to try their patience), and most likely then be forestalled by the more youthful swains.

And it is here, in its midst, we must look for confusion and the clashing of that near consanguinity, or relationship of blood, which is considered both a divine and moral impediment to marriage; and in such a motley community, where could be found the purity of domestic intercourse—the sanctity of true affection-the pillow of female delicacy?

In every view we take of polygamy, it is a false and vicious system, neither to be reconciled with revelation, with nature, or with reason. It is destructive to society, and to all human progress.

Chapter 24.

Incidents of Travel and Adventure in the Far West

Grand Ball at Salt Lake City—Etiquette—Culinary Preparations—Cost of Entertainment—Author opens the Ball with one of the Wives of the Governor—Beautiful Women—Waltzing and Polkas Prohibited—Mrs. Wheelock—The "Three Graces"—Extraordinary Cotillion—Mormon Wedding—Spiritual Wives—Favorable Impression of the Public Social Life of the Mormons.

BALL AT SALT LAKE CITY.

Towards the end of April, 1854, about ten days previous to the departure of Governor Brigham Young, on his annual visit to the southern settlement of Utah, tickets of invitation to a grand ball, were issued in his name. I had the honor to receive one of them.

If the etiquette of dress, which is a necessary preliminary to the "entre" of her Majesty's drawing-room, had been insisted on in the vestibule of Gov. Young's ballroom, the relation of the following incidents would never have emanated from my pen.

When I arrived at the great city of the Mormons, I was clad in the tattered garments that I had worn for six months, on the journey across the Rocky Mountains. In vain I applied to every store in Salt Lake City for suitable clothes; a pair of black pants or a broadcloth coat was not to be purchased. I, however, succeeded in having a pair of stout cassimere pants made for my intended journey to California; and a gentleman by the name of Addoms, a merchant from Cedar Street, N. Y. contributed a new coat from his wardrobe. I was indebted to him also for a great deal of kindness and attention during my illness.

With my striped cassimeres, black frock coat, and a white vest borrowed for the occasion from Capt. Morris, "en regle"—I was as fashionably attired as any one whom I met during the evening. My friend, Egloffstien, was also invited, but there were no clothes in the city of Salt Lake to fit him; he had grown so fat and corpulent, that ready-made clothes of his size, would have been unsaleable, consequently, he declined going.

During the day, extensive culinary preparations were being made at Mr. E. T. Benson's house, where we messed. Mr. Benson had four wives; they were, on this occasion, all engaged; one making pastry and cakes, another roasting and preparing wild geese and ducks, and garnishing fat hams, etc., while the others were selecting the garments which were to be worn by the ladies on this interesting occasion.

I could not exactly perceive why such extensive cooking preparations were making; on enquiry, I learned that in this isolated city, thousands of miles from civilization, and buried, as it were, in the mountains, it was a very expensive thing to prepare a supper for a large company, at the cost of a single individual. Sugar was worth 75 cents per pound, and very scarce; sperm candles, $1.50 per pound, and everything else in proportion. It was expected, and understood, that all families who were invited, should bring their own provisions, candles, etc., and contribute for the music. The Governor furnished the ball-room only.

Strangers, of course, were exceptions to the rule.

At the appointed hour I made my appearance, chaperoned by Gov. Young, who gave me a general introduction. A larger collection of fairer and more beautiful women I never saw in one room. All of them were dressed in white muslin; some with pink, and others with blue sashes. Flowers were the only ornaments in the hair. The utmost order and strictest decorum prevailed. Polkas and waltzing were not danced; country dances, cotillions, quadrilles, etc., were permitted.

At the invitation of Gov. Young, I opened the ball with one of his wives. The Governor, with a beautiful partner, stood vis-a-vis. An old fashioned cotillion was danced with much grace by the ladies, and the Governor acquitted himself very well on the "light fantastic toe."

I singled out from among the galaxy of beauty with which I was surrounded, a Mrs. Wheelock, a lady of great worth, and polished manners; she had volunteered her services as a tragedienne, at different times during my visit to Salt Lake, at the theatre, where she appeared in several difficult impersonations; I think she excels Miss Julia Dean in her histrionic talent. I had the pleasure of painting Mrs. Wheelock's portrait in the character of "Pauline," in "Claude Melnotte." She was the first wife of her husband, whom she married in England, about eight years before; her parents, who are estimable people, came over after they had embraced Mormonism. When this lady married, the spiritual wife system, had not yet been revealed.

Mr. Wheelock is a president of the seventies, and has travelled a great deal in the capacity of missionary; he had, at this time, three wives, the last one visited the ball as a bride; I was introduced by Mrs. Wheelock senior, to all of them; they looked like the three graces as they stood in the room, with their arms enfolding each other like sisters; they dwelt together in one house, and the most perfect harmony and affection seemed to exist between them. The last wife was a young girl of seventeen, well educated, and possessing great personal advantages; her parents and brothers reside in the city. I was invited to the wedding, but was prevented attending from the reason I have before assigned. I requested permission to dance with one of them; Mr. Wheelock took his new bride, and the cotillion was formed of his three wives and another lady, with their respective partners. It was a most unusual sight to see a man dancing in a cotillion with three wives, balancing first to one, then to the other; they all enjoyed themselves with the greatest good humor.

The particulars of the wedding, I had from a lady who was present. It seems that it is necessary before a man can take a second wife, that his first wife should give her consent; if she refuses, he is prohibited from taking another. In this case, the first wife's consent was obtained; I will not presume to say whether willingly or unwillingly; Mrs. W., the elder, possessed great good sense, and her mind was highly cultivated. It may be, she made a virtue of necessity, and yielded the assent on which her future domestic happiness depended, with a good grace.

She acted as godmother, and gave away the bride. I think on this occasion the Governor performed the ceremony. The second Mrs. Rose Wheelock is a transcendently beautiful woman. There is nothing prepossessing in the appearance of her husband, and it is a mystery to me, how he could have gained the affections of so many elegant women. Mr. W. was appointed to a mission to, Great Britain previous to his last "sealing,"* and left for the States the day after the ball, he only enjoyed his last wife's society about four days—a very short honeymoon!

* Sealing is the ceremony of spiritual marriage.

The lady could have married a more eligible man. She must return to her parents' house to reside, for the three years her husband would be absent; yet she preferred to be the third wife of a man she loved, and who bore a high character for morality, etc., to being the first, and only wife of an inconsiderate youth.

After several rounds of dancing, a march was played. by the band, and a procession formed. I conducted my first partner to the supper room, where I partook of a. fine entertainment at the Governor's table. There must, have been at least two hundred ladies present, and about. one hundred gentlemen. I returned to my quarters at, twelve o'clock, most favorably impressed with the exhibition of public society among the Mormons.

Chapter 25.

Incidents of Travel and Adventure in the Far West

"Golightly"—His Occupation and Character—Author Patronizes Him—Mrs. Golightly—She thinks Shakespeare did not understand the Passions of Men—"Oh! Frailty, thy Name is Man!"—Affecting Incident.

The Old Lady's Tale.

THERE resided in Great Salt Lake City, in the year 1854, a jolly old Scotchman, who rejoiced in the cognomen of "Golightly," he was a baker by trade, a musician by nature, and a good Mormon by practice. He made firstrate bread, biscuit, and cakes, and cooked to order splendid beefsteaks and mutton chops, as my fellow traveller Egloffstien and myself can fully testify, for we patronized him daily in all the branches of gastronomy, for which he was famous.

His bakehouse was attached to his shop; a small house about a rod on one side, was his dwelling, and immediately back of the oven, in the open yard, was a covered wagon, which was used as the parlor and bedchamber of his old wife, and three daughters, aged respectively thirteen, fifteen, and seventeen, and a son of eleven years.

This old lady I frequently met in my visits to Golightly's shop, sitting carefully wrapped up, on an old travelling chest near the fireplace; she appeared to be in very bad health, and seldom spoke, yet she often gave expression to deep drawn sighs. The three daughters assisted the father in making biscuit, cakes, etc.

Golightly was a well informed man, he had been a deist, a methodist, and was now a Mormon from conviction. I think I may say, that he firmly believed in the tenets of Mormonism, and in the many conversations I had with him, I inferred that his conduct was actuated by principle. He was an active member of a musical association, and performed well on the Kent bugle.

It was on an occasion when his professional services were required to attend the funeral procession of Brother Willard Richards, editor of the "Deseret News," that I happening in to partake of my usual lunch, I found the old lady sitting in her accustomed place, alone, and she appeared very much depressed; I asked her the cause of her sighs, etc., when she related to me the following incidents in her life. She was a native of Scotland, and had been married to her husband for a quarter of a century-had borne him twelve children, four of whom were still living. Her husband followed the trade of baker, in Edinburgh, where they lived very happily. She possessed in her own right the snug little house in which they carried on business; they owed no one, and were well to do in the world. One night her old man went to hear some strange Mormon missionaries preach; from that hour her troubles commenced, and they had steadily increased up to the present time.

Golightly becoming indoctrinated with the principles of Joseph Smith, had been baptized. In vain he tried to make his wife change her faith, presbyterian, in which she had been brought up. Finding that she would not consent, Golightly determined to emigrate to the valleys of Ephraim, the "land flowing with milk and honey." To this step also his wife refused to accede, whereupon he sold out his bakery and accumulating all the ready money he wanted for his purpose, left his family (not in want, for they had an income sufficient to live on), but without a protector, and took passage, along with many others, in a vessel from Liverpool, bound direct to

New York.

After his arrival in New York, the company proceeded to St. Louis, up the Missouri to Independence, and thence, overland to Salt Lake City, where he arrived in good condition, and with the small means at his command, he built the shop and house in which I found him. He liked his new residence, and made arrangements for his family. He wrote to his wife, requesting her to sell off the property, and come over to the Valley, among the mountains, and join him, as he intended to spend the remainder of his days there.

When the old lady received this letter, she determined to brave all the dangers of a long voyage across the Atlantic, the perils of the mountains and prairies, and rejoin her beloved old man, with whom she had spent so many hours of happiness, and with whom she determined to end her life. With the assistance of kind friends, all her effects were converted into money, and she had just £200 with which to commence the journey.

Her three daughters and a young son accompanied her. Passing over her terrible sea-sickness and difficulties which attended her sea-voyage, she arrived in due time at New York, where she purchased "through" tickets for herself and children from one who styled himself an agent of the Railroad Company. After paying her money and taking seats in the cars, she found she had been cheated by the counterfeit agent, her tickets were perfectly worthless; the kind-hearted conductor, in consequence, gave her free passage to St. Louis, at which place she embarked on board the steamboat for Independence, to join a caravan of immigrants, who were also on the way to the "Valley."

At Independence she purchased two good horses and the wagon which was then at the door, together with all the necessary provisions and clothing for a five-months" journey. Her outfit cost her nearly all the money she had left; but not requiring to spend more before she got to the Valley, she made herself easy on that score. The continual state of excitement which she had been in from the time she sold out at Edinburgh, with her illness on board ship, superinduced by old age, etc., gave her the dropsy. Her daughters took it by turns to drive the team, and her kind fellow-travellers harnessed up the horses, and attended to the arduous duties of camp-travelling.

Suffering in mind and body, the caravan arrived at "Fort Laramie," where they met some teamsters who were on their return to the States. Our old lady, whose anxiety to embrace her husband increased, the nearer she approached the place he was in, was induced to inquire of one of these teamsters if he knew Mr. Golightly, in Salt Lake City? He answered, that he did, he had purchased his bread and crackers from him only a month ago. "Golightly and his wife were both well, and living very comfortably!"

"Surely, mon, ye mak a mistake; 'Golightly' has nae ither wife but me."

The man insisted that he had taken a spiritual wife.

"A 'spiritual wife'—I dinna ken the kind."

Our old lady had of course never heard, that polygamy was practised as a part of the religion of the Mormons. She treated the report of the teamster as a mistake, and supposed he meant that Golightly had hired a servant girl, to do the work of the house. Under this

impression, she resumed her journey. But, poor woman, what was her sorrow and agony, to find on her arrival at Salt Lake that the husband of her youth, he for whom she had just submitted to such an unheard-of sacrifice of personal comfort, at her age; the father of her children, should have broken faith, and repudiated her! Heart-broken, and prostrated with disease she fell back in her wagon —in a swoon. Our old Trojan quickly applied restoratives, and endeavored to lift her into the house. "Na, na, my foot shall never cross the threshold of the house that contains anither wife; this wagon shall be my house, and my children's house; in that, during the howlings of the winter's blast, or the scorching heat of the summer, will I abide, until death takes me away." All the affection and love of Golightly, returned on again seeing his old wife, he fondled her, and prepared all the nourishment for her with his own hand, and succeeded in pacifying the old lady to submit to circumstances, which, when she found it was a part of the religion, she became more reconciled to.

But the old lady asked me, "Who do you think he married? Surely naebodie but our auld cook from Edinburgh; a dirty wench that I turned out of my house for impertinence; she followed the old man, and induced him to marry her, telling him that I never intended to come out to him. I have never set my eyes upon her, for she takes good care not to come where I am. It is now more than two years since I arrived, and the preachers have told me that if I would be baptized, I would feel perfectly contented." To please the old man, whom she still loved, she consented, and was immersed in water over her head, on a bitter cold day—but she resumed: "I canna see ony different now, I am only the worse in the body."

Her daughters are kind and affable girls, they are the sole companions of the mother, who never goes any where out of her wagon, but into the shop.

I saw Golightly several times after the revelation of his wife, he said it was an "o'er true tale," but his wife ought to know that he did not desert her, he sent for her, and loved her now more than ever, that he only took a spiritual wife, to ensure her eternal salvation; and also in accordance with his firm convictions, that he was doing right. I took the physician who was attached to the Gunnison expedition to see her, but he pronounced her case hopeless; and I would not be surprised, if ere this she is in that happy country, "where the wicked cease from troubling, and the weary are at rest."

Chapter 26.

Incidents of Travel and Adventure in the Far West

Extraordinary Abuses of the Spiritual Wife System—Fanny Littlemore—The Writer paints her Portrait—Her early Life—Attempt by her Parents to force her to marry her Uncle at Nauvoo—Her Escape to St. Louis—She writes to her Lover—Terry Littlemore—Marriage—Extraordinary Letter—Fanny's Mother exchanges Husbands with her Aunt—Her Father also exchanges Wives with her Uncle—Fanny's journey to Salt Lake—Terry Littlemore becomes a Mormon—Fanny opposed to Mormonism—Her two Sisters become spiritual Wives of a distinguished Mormon—She meets her Father and Mother in Salt Lake—The Writer becomes acquainted with her Mother and Uncle—His Journey to Parowan with them—Verification.

THE following facts were related to me by a lady residing in Salt Lake City, being interwoven with her life. I give all except the real names of the parties. This history was volunteered during the time I was occupied in painting her own, and her husband's portrait; I was not bound to secrecy, the parties immediately interested, are all residing at present in Utah. I became afterwards personally known to them, on my journey to Parowan.

Fanny Oldham, the heroine of our story, was one of several daughters. Her parents were originally Presbyterians, to which faith she had been brought up. A few years previous to the commencement of this tale, her parents, as well as other members of her family, became Mormons. The scene opens in Nauvoo, in the year 1842.

"My parents resided in Nauvoo; my aunt being confined, at her own house, with a newly born infant, permission was requested of my parents, that I should go there on a visit, to assist in the domestic duties of the family, during her illness; they consented, and I, favorably impressed with my aunt's former kindness, willingly went. At this time, I was in my seventeenth year, and although surrounded by Mormons, and hearing nothing else but Mormonism preached, I still retained the religious views in which I had been educated, and refused to be baptized in their faith.

"Several days elapsed, after I was domiciled in my aunt's residence, during which time, most marked attentions were shown me by my uncle, my aunt's husband; he would affectionately kiss me for good night, and morning, and I returned his embraces with the affection of a niece. One morning, after my duties had been completed, I went into the parlor, and seated myself on the sofa; shortly afterwards my uncle came in, and taking a seat next to me, placed his arm rather familiarly around my waist, and pressed me towards him. This unusual demonstration annoyed me, and I endeavored to extricate myself from him, but he held me the tighter, and attempted to kiss me. Highly indignant at this proceeding, I asked him how he dared to treat me thus? he replied, 'that as I was to be his little wife, he thought himself privileged to kiss me.' I had never heard of the spiritual wife system, and I could not but believe he was joking; but he told me in earnest, 'that I was destined by the Almighty to become his wife." I rushed out of the room in tears, and putting on my bonnet, hurried home, as fast as I could. My father, was a man of high temper, and quick to resent an offence; he was at home when I got there, but, not daring to tell him of the insult, which had been put upon me, I went to my mother's chamber, and bursting into tears, revealed to her the scene which had just been enacted at my aunt's house."

Terry Littlemore was a cousin of Fanny, there had been a reciprocity of sentiment existing between them for years, and their troths were pledged to have been married ere this, but from the opposition they had received from Mr. and Mrs. Oldham, Fanny's parents. Terry was well to do in the world, his moral character unexceptionable, and he could not conceive the reason that he was refused the

hand of his cousin Fanny. Finding that his business required his services in a town in Missouri he bade adieu to Fanny, promising to return in a few weeks and marry her even without the consent of her parents. It was during his absence that the scene I have related, took place.

Mrs. Oldham quietly listened to her daughter, and then told her that "the Prophet Joseph Smith had received a revelation from Heaven, that certain Mormon priests, were to take to themselves spiritual wives, in addition to the one wife they might have." Joseph Smith had lately seen Mrs. Oldham, and had approved of her daughter Fanny, as a wife for Mr. Wilson, Fanny's uncle, and believing as she did in the truth of Joseph Smith, she also approved of the marriage, and forbade her ever to think any more of her cousin, Terry but to prepare herself to marry her uncle in a few days.

Fanny became horror struck. She had hoped, on the bosom of a fond mother to have wept away the recollection of the unnatural and revolting proposal that had been made to her, but what was Fanny's dismay at hearing such a decision from her mother. As a last resort she sought her father, and on her knees begged him to interfere and prevent the dreadful sacrifice which was awaiting her. Her father, stern and inflexible with fanatic zeal, gave her no hope. He also approved of the marriage, and commanded her to submit, or he would use force. Poor Fanny had just time to reach her chamber when she fell fainting on the floor. When she recovered from her swoon her youngest sister was bending over her, applying restoratives. Neither of her parents had been near her for the two hours she had remained insensible.

Fanny, at the time I saw her, was the most beautiful woman in Utah. Her eyes were dark hazel, a classical nose, high forehead and luxuriant black hair. Her teeth were beautifully white, while her lips and mouth were "rich with sweetness living there." She was the mother of two children, and was 28 years of age. Still she was an elegant woman—what must she have been at the commencement of our story?

This melancholy and horrible scene had passed so rapidly before her, that she had scarcely time to realize her situation. She determined to fly. It was therefore with an aching heart that she surveyed her beautifully arranged chamber for the last time.

There were no tasseled curtains, or luxurious carpets, no hanging chandeliers, or gilded looking-glasses, but her bed was covered with linen as pure as her own spotless breast and the primitive furniture was adorned with embroidered covers made by her own hands. A sweet little canary, the gift of dear Terry, sent forth a burst of melody when she approached his cage.

Unbidden tears streamed down her pallid cheeks, and with an unnatural composure she arranged a little bundle of clothing, which she required on her voyage. Swallowing a cup of tea which her sister had brought to her, she nerved herself for the trials she was about to encounter from the wide world. She intended to claim the protection of a married sister, who had lived at St. Louis. She told her young sister, who was ignorant of what had transpired, that she intended returning to her aunt's, and kissing her affectionately, she bade her adieu.

When she got out of the house, it was near ten o'clock at night; turning towards the steamboat wharf, she flew down to the boat, and entering the cabin, she told the captain, who was well known to her, that some urgent business demanded that she should go by the first opportunity to St. Louis, and requested him not to inform her family that she was on board. The steamer left the next day, and in

good time she arrived at St. Louis.

Fanny, on reaching St. Louis, immediately repaired to her sister's, who was astonished and unprepared for her arrival. She pressed Fanny to her heart, and wept from very sympathy. Poor Fanny, resting on her sister's bosom, related what had transpired at Nauvoo. Her sister determined to protect her at all hazards, and save her from the horrible fate that awaited her.

With the sanction of her sister, Fanny the next day wrote to her lover, Terry Littlemore, requesting him to come immediately to St. Louis. In the mean time, she applied herself to her needle, and earned a sufficiency to support herself.

In the course of a week, Terry Littlemore arrived at St. Louis, and hastening to his cousin Louisa's house, was soon in the arms of his beautiful betrothed. She related to him the occasion of her flight from Nauvoo) and then told him she was ready to become his wife, at any moment. Terry, fearing that his uncle would pursue Fanny to St. Louis, as soon as he knew her whereabouts, determined to marry immediately, and the next morning they were united in the bonds of wedlock.

Terry Littlemore was advised to commence business in St. Louis, which he did. He opened a grocery store in partnership with another man, and furnishing a house comfortably, he took home his lovely bride. Fanny wrote to her parents, after her marriage, informing them of the fact, that they as well as her uncle might know that she was under a husband's protection.

Fanny and her husband lived happily and comfortably. In course of time she presented him with a son.

After they had been married some time, she received the following letter from her mother:

DEAR FANNY:

You will be surprised to hear that after living twenty years with your dear father, and bearing him nine children, that we should be separated forever in this world. It was "revealed to both your father and myself by an angel from heaven," that we should separate, as he could not secure my eternal salvation! Your uncle, whose wife you ought to have been, has been "sealed," to me, as my Spiritual husband, and your father has been "sealed" to your aunt. I have the future care of your uncle's children, and he has the charge of your father's. Both of our families are now making arrangements to go across the plains, into some valley beyond the mountains, to seek a future and permanent home, where I hope to see you some of these days. I pray you to receive the farewell of

Your affectionate mother.

On receipt of this extraordinary epistle, Fanny hastened to her sister Louisa, who had also received a letter, conveying the same intelligence. They threw themselves into each other's arms, and wept over the infatuation and fanaticism, which had branded their parents' names with infamy.

Terry Littlemore was offered the lucrative situation of wagon-master, to conduct one hundred wagons and teams, laden with merchandize, etc., from Independence to Salt Lake. Terry decided to go, and leaving his wife and child in the care of his cousin

Louisa, and his business in the joint charge of his wife and partner, took command of this expedition, and after a long journey, arrived safely in Great Salt Lake City, where another uncle held a high position in the church of the latter day saints. Here the future prospects for Terry were bright, and a fortune seemed within his grasp; he was offered by his uncle, that if he would bring his family out, that he would build him a flour mill, and give him a large tract of ground, besides stock, etc. This offer was most tempting to Terry; he determined to accept it, and making the necessary arrangements with his uncle, returned home for his family. Fanny at first declined going, but an offer having been made of a very lucrative character, to her sister's husband, which they determined to accept, Fanny not wishing to remain alone, and her husband being resolved to go, she made a virtue of necessity, and acquiesced in his wishes, although she had her fears that she was taking a wrong step.

Terry Littlemore dissolved partnership, and found he had sunk half the amount he had put in his business, by the carelessness and mismanagement of his partner.

Both families made preparations to travel, and early in the spring of 1849 they started, and with the usual adventures of a journey across the plains, arrived safely in Great Salt Lake City. When Fanny arrived, her uncle and family called on her, and conducted her to a comfortable residence.

She was some months in the city before she would consent to see her mother, who was residing with her Uncle Lorenzo, as husband and wife. Her father, having had some disagreement with this spiritual wife, left her, and when Fanny arrived he was very badly off. At the time Mrs. Littlemore related to me these extraordinary episodes in her life, her father was caring horses and cattle on the pasturage beyond the River Jordan, in the Salt Lake Valley. She is now on affectionate terms with her mother. Her husband, Mr. Terry Littlemore, became a Mormon, and was baptized into the faith of the latter day saints. Mrs. Littlemore never became one. She told me her husband will never bring home a spiritual wife while she lives. Her two sisters are spiritual wives of their uncle, who is one of the great lights of the Mormon church. She seemed happy and contented, and enjoys herself. She has all the comforts, and many of the luxuries of life, and her husband is devoted to her; they live on Mill Creek, some few miles from the city, and Terry is proprietor of a flour mill, and as well-cultivated a farm, as fine teams of horses, as choice stock, and as beautiful and lovely a wife, as any man in Utah.

I subsequently learned some of the above facts from other sources. Mrs. Littlemore told me very nearly the words and substance of the foregoing, voluntarily. I think I remarked that I would write a romance, but the recital of the facts are as tragic, and as improbable as the most improbable romance that ever was written "Truth is stranger than fiction."

Chapter 27

Incidents of Travel and Adventure in the Far West

Arrival of the California Mail—Murder of Mr. Lamphere by Indians on Santa Clara — Hot Springs — Singular Phenomenon — Hot and Cold Springs — Mica — Sulphur — Plumbago — Rock Salt — Death of Willard B. Richards — Heber C. Kemball — Welsh Colony — Lieut. Beckwith's Departure for California.

April 16th. — This morning, Messrs. Atwood and Murray arrived with the California mail. They report that one of their party, a Mr. George Lamphere of Chicago, was shot by the Indians, between the Santa Clara and Rio Virgin (Virgin River). It seems that Atwood and Murray saddled their horses and prepared for their day's journey, before Mr. Lamphere had finished his breakfast. They mounted and started, intending to ride slowly along. About an hour after leaving camp, they saw Lamphere's horse galloping, riderless, towards them; as he approached, they perceived three arrows sticking in his side. They immediately suspected that their companion had been ruthlessly murdered by the Indians. They succeeded in catching the frightened horse, and secured him to a tree; afterwards they galloped at full speed towards their late camp. They were well armed, and although they were ignorant of the force of the enemy which might be in ambush waiting for them, nothing daunted, they dashed forward, and found the dead body of their friend and companion on the road, pierced with a dozen arrows, completely stripped of all his clothing. Mr. Lamphere had a large amount of money with him, besides valuable specimens of gold, which he had obtained in California — a gold watch, etc. Everything had been stolen by the Indians of the Santa Clara.

The situation of Murray and Atwood was most critical, as evidently a large force of Indians were in the neighborhood. They recommenced their journey, and travelled at full speed until noon; encamped, and rested their animals until dark. They made a large fire, so as to show the Indians where their camp was, and, at a killing pace, journeyed all night. The Indians followed them at a distance, with a view to massacre them during the night. When they saw the smoke of the camp fire, they also encamped; and as their usual hour of surrounding a camp was just before day, when men are supposed to sleep soundest, they also rested from their fatiguing ride; but the next morning the birds had flown, and were forty miles distant from them. These gentlemen arrived at Parowan, with their animals perfectly lame, and useless for continuing their journey to Great Salt Lake City. They there procured fresh ones, and arrived safely. From their own lips, I heard the recital of the above melancholy catastrophe.

I was about to travel over this same road, and was fully alive to the dangers which might beset me; but I had to get to the sea-board, and as the party with whom I intended to travel were well armed, and composed of twenty-three able-bodied men, I felt just as secure as I would have felt on any other line of road.

PHENOMENON OF A HOT AND COLD

About ten miles north of Salt Lake City, there are two springs close together, one salt and cold, the other fresh and hot; these springs unite at some distance, and form a lake of 400 feet in diameter — one portion of the water is hot, and the other cold, and is so all the year round.

It was said by the gentleman who described them to me, that he bathed in this lake, and that one part of his body was in the cold

water, while the other was in water quite hot.

In the mountains around Salt Lake City, mica is found in large masses. I saw one block in the city, several feet square, which was perfectly transparent. It is used as a substitute for window-glass, in some of the houses of the Mormons.

Plumbago of superior quality is found on Coal Creek; and saleratus is procured in quantities from Juab Valley. Alum and sulphur abound in the different valleys of Utah.

The death of Willard B. Richards, one of the chief members of the presidency, and editor of the Deseret News, threw a gloom over the whole community. I attended his funeral. His excellency the Governor, was too unwell to officiate, but several funeral sermons were preached at the house. He was one of the earliest, and most valuable members of the church of the latter day saints.

Mr. Richards left quite a number of widows, I could not ascertain exactly how many, but I was credibly in formed by a Mormon lady, that she knew six.

Heber C. Kimball, the next in rank to Brigham Young in the church, is a noble looking man, over six feet, and well proportioned, he speaks fluently, his language is inornate, and indicates an original mind, without cultivation. He is said to have more wives than any man in Utah — the Governor not excepted.

I learned from a niece of the Governor's, that she knew personally nineteen of his wives, although he had many more.

The Governor had at the time I was in the city, thirty-three children, including several grown men and women, by his first wife, who is still living with him. I was introduced by his excellency, to eleven of his wives, at the different times I visited his residence — all of them are beautiful women. Parley Pratt introduced me to his household, I numbered five or six females, I think he has but six wives.

Ezra T. Benson, one of the apostles with whom I boarded, has four wives, three are living in the same house with him, and one in a small house, a couple of rods away. He has children by all of them, and they all seemed to live very harmoniously together. I had several conversations with these ladies on the spiritual wife system, they submit to it because they implicitly believe it to be necessary to their salvation. They argue, "Cannot a father love six children? why can he not love six wives?" I must say, that during a sojourn of near three months in Salt Lake City, I never observed the slightest indications of improper conduct or lightness, amongst them — neither by conversation or otherwise. Their young ladies are modest, and unassuming, while their matrons are sedate and stately. Polygamy is by no means general, there are hundreds of Mormons who have only one wife.

WELSH SETTLEMENT IN THE MOUNTAINS.

Indian Walker, an Utah chief, relates, that on two low mountains, situated between the Red and Grand Rivers, there is a colony of white people, who live in rough stone houses, two stories high, with no windows in the lower story, and accessible only by a ladder.

These people have an abundance of sheep, and some cattle; they raise grain on the base of the mountain this statement is corroborated by other Indian testimony.

Brigham Young says, in reference to the above, that he believes them to have been originally Welsh families, who emigrated many years ago, before the settlement of this country. He told me that he intended to send a company of Mormons to search for the colony.

May 6th.—The exploring expedition of the late Capt. Gunnison, now under the command of Lieut. Beckwith, with an escort of twenty-four mounted dragoons, under the command of Capt. Morris with orders from the government, left this morning, to explore for a pass in the Sierra Nevada Mountains, on a parallel with Great Salt Lake City.

My old *compagnon de voyage*, Egloffstien, accompanied them as engineer.

Chapter 28.

Incidents of Travel and Adventure in the Far West

Departure from Great Salt Lake City—Equipments for the Journey—Author Paints Portraits of Gov. Young and Apostles—His Restoration to Health—Snow Storm—Cotton Wood Settlement—Willow Creek—Lehigh—Utah Lake—Snow Storm—Pleasant Grove—Provost—Payson.

HAVING determined to go to California by the Southern route from Great Salt Lake City, through the settlements, and over the trail of Col. Fremont of 1843, which I wanted to illustrate with views, etc., I took advantage of the opportunity which offered on the 6th May, 1854.

Twenty-three Mormon missionaries, under command of Parley Pratt, were about to proceed over this route to San Bernandino, thence to San Pedro, and the Sandwich Islands; at which latter place their religious labors were to be exercised to convert those benighted islanders to the truths of Mormonism! It was the season that his excellency the Governor usually paid his annual visit to the different settlements at the South. He had also made extensive preparations for a treaty of peace with the Indians under the chieftainship of Wakara. He proclaimed his intention of accompanying Parley Pratt and his missionaries to Cedar City, the most southern settlement, a distance of 300 miles from Great Salt Lake City.

At the invitation of Gov. Young, who seemed anxious that I should have a safe escort across the desert, I completed my arrangements, and decided to proceed with this party.

I purchased a superior riding mule for which I paid, including his shoes, saddle and bridle, etc., one hundred and sixty dollars. My provisions consisted of six boxes of sardines, and one hundred pounds of crackers, made expressly for me by my eccentric friend, Golightly. Luxuries such as butter, eggs, etc., I intended to procure at the settlements below. To the kindness of Mrs. Benson, the elder, I was indebted for four pounds of brown sugar, for which I paid one dollar per pound; and two pounds of ground coffee, at the same price,—this was a favor, for I could not have procured any at ten dollars a pound elsewhere. My wardrobe had received considerable additions at corresponding prices—four dollars for white shirts, two dollars for striped cotton shirtsabout four hundred per cent. on prices for the same goods at home. I determined to provide myself with all necessaries. I had some fifteen hundred miles to travel before I reached San Francisco. I found my Pandora's box most valuable on my last journey, and everything that I might require, I put in now, unmindful of the cost. On referring to my memorandum when I arrived at San Francisco, I summed up $350 as expenses of the journey. I painted several portraits in Great Salt Lake City; among them were two of Gov. Brigham Young; one of Lieut. General Wells, General Ferguson, Attorney General Seth Blair, Apostle Woodruff; Bishop Smoot, Col. Ferrimore Little and lady, Mrs. Wheelock, and several others.

The Governor's party consisted of a large number of wagons, mounted horsemen, etc. They left on the 5th of May, 1854. 1 not being quite ready, having to finish a picture, was not able to leave with them. Brigham Young promised to wait for me at Provost City.

On the 6th of May I mounted my mule, (having previously sent my baggage, provisions, etc., in one of the wagons), and fully armed, and equipped with pocket compass, thermometer, drawing materials, etc., I recommenced my journey, over the route I had travelled in wagons as an invalid, three months before: I was completely restored to health—I gained the enormous increase of

sixty-one pounds. When I arrived at the city I weighed one hundred and one pounds, my usual weight was one hundred and forty-five; I therefore lost forty-four pounds on the journey, and regained it, with nearly twenty pounds extra. After travelling three miles I was overtaken by a severe snow storm. I stopped at the residence of Bishop Smoot, where I remained all night, and was hospitably entertained by him. It continued snowing until ten o'clock the next morning, when I resumed my journey, and arrived at Cottonwood Settlement.

This town is eight miles from Great Salt Lake City. It contains one hundred families, who own considerable stock, etc.

Ten miles further is Willow Creek settlement, containing about seventy-five families. Ten miles further south is Lehigh, a fine town, with six hundred inhabitants, three hundred head of cattle, one hundred horses, etc. Ten miles distant, is Lake City, on the American fork in Utah Valley, containing one thousand inhabitants, five hundred head of cattle, two hundred horses, and one hundred sheep.

I have taken lodgings here, and feel rather tired with my long day's ride of thirty-five miles. Utah Valley is the next, south of Great Salt Lake Valley, and presents a magnificent spectacle from the summit of the pass by which you enter.

Utah Lake, which you can also see from the heights, is forty-five miles long, and twelve miles broad. The lake is situated on one side, to the west of the valley. The scenery, which is enlivened by the glistening waters, although grand and sublime in stupendous mountains, flowering vales, abrupt rocky descents, etc., is without timber, except on the creeks which meander from the mountains and entirely surround the valley. Sparse growths of young cottonwood are the only trees I have seen, except in the canons of the mountains, on which grow pines, cedars, and a species of mahogany.

May 8th.—I awoke this morning and found another snow storm raging, and very disagreeably cold; but if I allow these trifles to detain me, I shall not be in time to meet the Governor.

After breakfast I mounted my mule, and in an hour I arrived at Pleasant Grove, containing 300 inhabitants. Passing through, without stopping, I continued my journey, the snow blowing in my face the whole way, until I rode into Provost, a distance of ten miles from Pleasant Grove. I was disappointed in finding that his Excellency had departed that morning for "Petetnit," nineteen miles further. I stopped there to dine, gave my mule a good feed, and after warming my almost frozen feet, I jumped into my saddle, determined to ride the nineteen miles before dark. Onward I went, putting my mule to his mettle. He, not minding a gallop, tried to create a circulation. In a couple of hours it cleared up, and at six o'clock I rode into Petetnit.

Provost City is a large settlement, containing about eight hundred and sixty families, equal to five thousand inhabitants, two thousand head of cattle, three thousand sheep, five hundred horses, several woollen manufactories and carding machines, shingle machines, two sawmills, a seminary and several schools, pottery, tannery, etc. Here are five hundred men capable of bearing arms.

Provost City is built on Provost River, which abounds in salmon trout of delicious flavor and large size. Evan M. Green is mayor; Elias Blackburn, bishop. There are four bishops to this city.

Chapter 29.

Incidents of Travel and Adventure in the Far West

Join Governor Young and Parley Pratt—Hospitality of the Mormons—Apostle Benson—Petetnit—Nephi—Wakara (Indian Chief)—Wakara's Camp Ground—Brigham Young's Wife—Long Caravan—Arrival at Wakara's Camp—His Refusal to meet the Governor—Treaty of Peace not Concluded—Presents of Cattle, etc., to Wakara—Grand Council of Indians and Mormons—Speech of an Old Chief—Address of a "San Pete Chief"—Wakara Refuses to Speak—He Dissolves the Council—Reassembling of the Council—Brigham Young's Address—Speech of "Wakara"—Peace Proclaimed—Calumet Smoked—Indian Capture of Children—Brigham Young's Residence.

GOVERNOR YOUNG and party were encamped at the edge of the town of Petetnit; when I rode up, I saw the commanding person of the Governor, towering above the crowd of men by whom he was encircled. As soon as he saw me, he approached; I alighted to greet him; he received me as he always did, in a most cordial manner. After selecting a person to take my mule, he gave me in charge to Mr. Ezra Parrish, with a request to take the best care of me until we were ready to start in the morning. I supped, and then went to the meeting, where I heard an eloquent and feeling exhortation to the people, to practise virtue, and morality. Apostle Benson also preached a sermon on the restoration of Israel to Jerusalem, which would have done honor to a speaker of the Hebrew persuasion; they call themselves "Ancient Israelites of the order of the Melchizedek priesthood."

These Mormons are certainly the most earnest religionists I have ever been among. It seems to be a constant self-sacrifice with them, which makes me believe the masses of the people honest and sincere.

9th.—This morning I was invited to breakfast with Governor Young and lady. On leaving the hospitable house where I had slept, the host refused to take payment for my supper and lodgings, or for the care of my mule.

I made arrangements with Parley Pratt's company, to take my provisions and bag of clothes to San Bernandino in a wagon, for "thirty dollars." The day was fine, and we started with an accession of five wagons, and several horsemen to the party. The town of Payson, or Petetnit, contains one thousand inhabitants, five thousand head of cattle, one hundred and fifty horses, five hundred and fifty sheep, two saw-mills, flour-mill, etc. It is organized as a city, enclosed with a high wall; the houses are generally built of logs and "adobes," one story high. We left Payson at nine o'clock, on the 10th May, and camped at noon, on a creek twelve miles S. S. W. from town.

The country around looks beautifully verdant, brilliant colored flowers cover the plain, and the grass is excellent. At five o'clock P. M. we camped before Nephi, which is a large town, containing six hundred men, women and children; one hundred and fifty men bearing arms, six hundred head of cattle, and six hundred sheep, flour-mills, saw-mills, etc. Jos. L. Heywood, president, Josiah Miller mayor.

The Governor and party, were met by the authorities of the city, I was introduced to the old Patriarch Wm. Cazier, who invited me to the hospitalities of his house. Nephi is twenty-six miles from Payson. I attended meeting this morning, and Governor Young addressed the people, exhorting them to be kind and friendly to the Indians, etc. To-morrow we are to have an interview with Walker, the Utah Chief. A portion of the cattle intended for him was obtained at this place. The massacre of Captain Gunnison, by

the Parvain Indians, caused great excitement among the inhabitants of the villages. The various tribes of Indians, who had, at different times, been wantonly and cruelly shot down, like so many wild beasts, by the American emigrants to California, were now incited to revenge. The first principle inculcated among them was life for life; it made no difference whether, in their wrath they massacred an innocent, or an unoffending man; "a white man slew my brother, my duty is to avenge his death, by killing a white man." Their first open demonstration, was the massacre of Gunnison; and the allied troops of Utahs, Pahutes, Parvains, and Payedes determined to continue in open hostility, both to the Mormons, and Americans. The inhabitants of the different settlements withdrew within the walls of their towns, and vigilant watchers, well armed, patrolled them all night. Major Biddell, the sub Indian agent, was sent to parley with the chief of the tribes, and succeeded in obtaining a truce, until the Governor could personally make arrangements for a treaty of peace. Preliminaries being settled, the chiefs of the tribes were to meet Governor Brigham Young, at the camp of the Wakara. We left Nephi, and arrived at noon, on the road opposite to Wakara's camp, twelve miles from town.

TREATY OF PEACE WITH THE UTAHS.

The camp-ground or village where Wakara permanently resides, when not travelling, is situated about one mile off the main road, from the city of Nephi, to the Seveir River. Gov. Young made extensive preparations for this treaty. A large cavalcade accompanied him from Great Salt Lake City, composed of Heber, C. Kimball , Woodruff, John Taylor, Ezra T. Benson, Lorenzo Young, Erasmus Snow, Parley Pratt, (his apostles and advisers), together with about fifty mounted men, and one hundred wagons and teams filled with gentlemen, with their wives and families. This was an imposing travelling party, all following in regular succession; taking the word of command from the leading wagon, in which rode Gov. Brigham Young. One of his wives, an accomplished and beautiful lady, who made her husband's coffee, and cooked his meals for him at every camp, thus making herself a most useful appendage to the camp equipage, as well as an affectionate and loving companion to her spiritual lord while travelling. I sometimes formed a third party on the road, and frequently had my seat at their primitive table, which was, in fine weather, a clean white cloth, spread over the grass; or, in rainy weather, a movable table was arranged in the wagon. Venison, beef, coffee, eggs, pies, etc., were served at every meal.

I have often stopped at the top of some commanding eminence, to see this immense cavalcade, lengthened out over a mile, winding leisurely along the side of a mountain, or trotting blithely in the hollow of some of the beautiful valleys through which we passed, to the sound of musical choruses from the whole party, sometimes ending with

"I never knew what joy was
Till I became a Mormon,"

to the tune of "bonny breastknots." Certainly, a more joyous, happy, free-from-care, and good-hearted people, I never sojourned among. When the cavalcade arrived on the road, opposite to Walker's camp, Gov. Young sent a deputation to inform Wakara that he had arrived, and would be ready to give him an audience at a certain hour, that day.

Wakara sent word back to say, "If Gov. Young wanted to see him, he must come to him at his camp, as he did not intend to leave it to see any body."

When this message was delivered to Gov. Young, he gave orders for the whole cavalcade to proceed to Wakara's camp--"If the mountain will not come to Mahomet, Mahomet must go to the mountain."

The Governor was under the impression that Walker had changed his mind, and intended to continue the war, and for that reason declined to meet him. But old Wakara was a king, and a great chief. He stood upon the dignity of his position, and feeling himself the representative of an aggrieved and much injured people, acted as though a cessation of hostilities by the Indians was to be solicited on the part of the whites, and he felt great indifference about the result.

Gov. Young, at the expense of the people of Utah, brought with him sixteen head of cattle, blankets and clothing, trinkets, arms and ammunition. I expressed much astonishment, that arms and ammunition should be furnished the Indians. His excellency told me that from their contiguity to the immigrant road, they possessed themselves of arms in exchange and trade, from American travellers. And as it was the object of the Mormons to protect, as much as possible, their people from the aggressions of the Indians, and also from the continual descent upon their towns-begging for food, and stealing when it was not given, he thought it more advisable to furnish them with the means of shooting their own game. The Utah Indians possess rifles of the first quality. All the chiefs are provided with them, and many of the Indians are most expert in their use.

When we approached Wakara Camp, we found a number of chiefs, mounted as a guard of honor around his own lodge, which was in the centre of the camp, among whom were Wakara and about fifteen old chiefs, including Ammon, Squash-Head, Grosepine, Petetnit, Kanoshe, (the chief of the Parvains), a San Pete chief, and other celebrated Indians. The Governor and council were invited into Wakara's lodge, and at the request of his excellency, I accompanied them. Wakara sat on his buffalo-robe, wrapped in his blanket, with the old chiefs around him; he did not rise, but held out his hand to Gov. Young, and made room for him by his side.

After the ceremony of shaking hands all round was concluded, our interpreter, Mr. Huntington, made known the object of the Governor's visit, and hoped that the calumet of peace would be smoked, and no more cause be given on either side, for a continuation of illfeeling, etc.

For five minutes intense silence prevailed, when an old grey headed Utah chief got up, and in the effort, his blanket slipped from his body, displaying innumerable marks of wounds and scars. Stretching aloft his almost fleshless arm, he spoke as follows:

"I am for war, I never will lay down my rifle, and tomahawk, Americats have no truth-Americats kill Indian plenty—Americats see Indian woman, he shoot her like deer—Americats no meet Indian to fight, he have no mercy—one year gone, Mormon say, they no kill more Indian—Mormon no tell truth, plenty Utahs gone to Great Spirit, Mormon kill them—no friend to Americats more."

The chief of the San Pete Indians arose, and the tears rolled down his furrowed cheeks as he gave utterance to his grievances:

"My son," he said, "was a brave chief, he was so good to his old father and mother—one day Wa-yo-sha was hunting rabbits as food for his old parents—the rifle of the white man killed him. When the night came, and he was still absent, his old mother went to look for her son; she walked a long way through the thick bushes; at the dawn of day, the mother and the son were both away, and the infirm and aged warrior was lonely: he followed the trail of his wife in the bush, and there he found the mother of his child, lying

over the body of Wa-yo-sha, both dead from the same bullet. The old woman met her son, and while they were returning home, a bullet from the rifle of Americats shot them both down." He added, "old San Pete no can fight more, his hand trembles, his eyes are dim, the murderer of his wife, and brave Wa-yo-sha, is still living. San Pete no make peace with Americats."

The old warrior sank down exhausted on his blanket.

Wakara remained perfectly silent.

Gov. Young asked him to talk, he shook his head. "No," after the rest had spoken, some of whom were for peace, Wakara said, "I got no heart to speak-no can talk to-day—to-night Wakara talk with great spirit, to-morrow Wakara talk with Governor."

Gov. Young then handed him a pipe. Wakara took it and gave one or two whiffs, and told the Governor to smoke, which he did, and passed it around to all the party; this ended the first interview.

An ox was slaughtered by the orders of Gov. Young, and the whole camp were regaled with fresh beef that evening. I made a sketch of Wakara during the time that he sat in council. I also made a likeness of Kanoshe, the chief of the Parvain Indians.

The next morning the council again assembled, and the Governor commenced by telling the chiefs, that he wanted to be friends with all the Indians; he loved them like a father, and would always give them plenty of clothes, and good food, provided they did not fight, and slay any more white men. He brought as presents to them, sixteen head of oxen, besides a large lot of clothing and considerable ammunition. The oxen were all driven into Wakara's camp, and the sight of them made the chiefs feel more friendly.

Wakara, who is a man of imposing appearance, was, on this occasion, attired with only a deer-skin hunting shirt, although it was very cold; his blue blanket lay at his side; he looked care-worn and haggard, and spoke as follows:

"Wakara has heard all the talk of the good Mormon chief. Wakara no like to go to war with him. Sometimes Wakara take his young men, and go far away, to sell horses. When he is absent, then Americats come and kill his wife and children. Why not come and fight when Wakara is at home? Wakara is accused of killing Capt. Gunnison. Wakara did not; Wakara was three hundred miles away when the Merecat chief was slain. Merecats soldier hunt Wakara, to kill him, but no find him. Wakara hear it; Wakara come home. Why not Merecats take Wakara? he is not armed. Wakara heart very sore. Merecats kill Parvain Indian chief, and Parvain woman. Parvain young men watch for Merecats and kill them, because Great Spirit say—'Merecats kill Indian'; 'Indian kill Merecats.' Wakara no want to fight more. Wakara talk with Great Spirit; Great Spirit say-'Make peace.' Wakara love Mormon chief; he is good man. When Mormon first come to live on Wakara's land, Wakara give him welcome. He give Wakara plenty bread, and clothes to cover his wife and children. Wakara no want to fight Mormon; Mormon chief very good man; he bring plenty oxen to Wakara. Wakara talk last night to Payede, to Kahutah, San Pete, Parvain—Indian say, 'No fight Mormon or Merecats more.' If Indian kill white man again, Wakara make Indian howl."

The calumet of peace was again handed around, and all the party took a smoke. The council was then dissolved.

Gov. Young intended to visit all the settlements south, to Harmony City. Wakara told his excellency, that "he and his chiefs would accompany him all the way and back, as a body-guard." Grosepine, Ammon, Squashhead, Wakara and his wife, Canoshe and his wife, and about thirty Indian young men, all mounted on splendid horses, got ready to accompany the Governor's party. During the day, a great many presents were distributed among the tribe.

When I returned to our camp, I saw a crowd around the Governor's wagon. I approached, and found that his excellency had just concluded a purchase from the Utahs of two children, about two to three years of age. They were prisoners, and infants of the Snake Indians, with whom the Utahs were at war. When the Governor first saw these deplorable objects, they were on the open snow, digging with their little fingers for grassnuts, or any roots to afford sustenance. They were almost living skeletons. They are usually treated in this way—that is, literally starved to death by their captors. Gov. Young intended to send them to Salt Lake City, and have them cared for and educated like his own children. I never saw a more piteous sight than those two naked infants, in bitter cold weather, on the open snow, reduced by starvation to the verge of the grave—no, not the grave; for if they had died, they would have been thrown on the common for the wolves to devour!

Chapter 30.

Incidents of Travel and Adventure in the Far West

Portrait of Wakara—Indian chiefs, to accompany the Expedition to Harmony City—Seveir River—Swollen Waters—Wagons ferried over—Col. Fremont—Fillmore City—Massacre of Capt. Gunnison—Parowan Indians—Kanosh—Capt. Morris—His conduct justified—Author trades for a Horse—Extraordinary Phenomenon of Insects.

WE remained in camp, near Wakara's village until next day; I induced Wakara, to sit for his portrait; also Squash-head, Baptiste, Grosepine, Petetnit, and Kanoshe, the chief of the Parvain Indians.

12*th*. We all started this morning, for the Seveir river; we arrived at the crossing at 4 o'clock P. M. and found the stream very high, and unfavorable. There had been a bridge built, a year before, but the swollen and rapid stream, carried it away; on the bank of the river, were piled up several of the planks saved from the wreck. All hands went to work to construct a raft, which they completed in an hour, and by 8 o'clock P. M., 41 wagons (the rest remained behind,) were ferried over in safety; we camped on the other side of the river.

By invitation, supped with Brigham Young: I conversed through an interpreter with Wakara, the Utah chief. He states that he supplied Jose, the Mexican, whom Col. Fremont found in the mountains, and who left at Parowan, with a mule, to go with several Indians, back on Col. Fremont's trail, to find the "cache," (the goods buried in the snow,) about 100 miles from Parowan; he had been absent 30 days, yet nothing had been heard from them. He also told me of his interview with Col. Fremont, some years before, and showed me the place where Col. Fremont crossed the Seveir River, which was a short distance from where we crossed it. He remembered Col. Fremont, as the "great Americats Chief." While the men were constructing their raft, I occupied myself in making drawings of the surrounding country.

13*th*. We left the Seveir for Fillmore City, (called after the President of the U. S.,) which is 35 miles south of us. After travelling ten miles, we camped "to noon," giving an opportunity for the animals, to enjoy the luxuriant grass, which grows abundantly in this valley. ("Round Valley.") We arrived at Fillmore City, in Parvain Valley, Millard county, at 5 o'clock. This valley is sixty miles long and fifty miles wide; the Seveir Lake is forty miles from Fillmore. Within ten miles of the city, to the west, four fresh water lakes are to be found. Fillmore City, contains one hundred and fifty families, one thousand head of cattle, three hundred sheep, sawmills, and flour-mills, etc., etc. A wall of adobes is built all round the city, protecting the inhabitants from the Indian aggressions.

Capt. Gunnison's party were encamped at Cedar Spring, in this valley, at the time of their massacre.

This afternoon, accompanied by two interpreters and several other gentlemen, we proceeded to the Parvain Indian's camp, to see their celebrated chieftain, Kanoshe, whose portrait I was anxious to obtain. I found him well armed with a rifle and pistols, and mounted on a noble horse. He has a Roman nose, with a fine intelligent cast of countenance, and his thick black hair is brushed off his forehead, contrary to the usual custom of his tribe. He immediately consented to my request that he would sit for his portrait; and on the spot, after an hour's labor, I produced a strong likeness of him, which he was very curious to see. I opened my portfolio and displayed the portraits of a number of chiefs, among which he selected Wa-ka-ra, the celebrated terror of travellers, anglicised

Walker, (since dead). He took hold of it and wanted to retain it. It was, he said, "wieno,"—a contraction of the Spanish "bueno"—very good. I also learned from him, through the interpreters, the following facts; relating to Gunnison's massacre.

"There were about thirty Parvain Indians, encamped six miles, N. W. of Gunnison's camp, on Cedar Spring. Potter, a Mormon guide, and one of the exploring party went out to shoot ducks; one of the Parvains was also shooting rabbits, and hearing the explosion of firearms, he marked the direction, and followed the men to their camp. This Indian was the son of a Parvain Chief, who was killed by a party of emigrants, under command of Capt. Hildreth, about two weeks before. Marking the spot, he repaired to his own camp, and commenced to make inflammatory speeches to his tribe; he made a fictitious scalp out of horse hair, attached it to a pole, and elevating it, commenced the war dance; the rest of the Parvains continued dancing until midnight.

They were incited to revenge, for the unprovoked murder of their old chief; who, together with some women and young men, went into Hildreth's camp merely to beg food. They were ordered out, and force was used to take away their bows and arrows; in the scuffle, one of the Americans got his hand cut with an arrow-head when they were fired upon with rifles, and several persons killed; among them this old chief.

The Parvains, before day, started for Gunnison's camp, surrounded the party who were breakfasting under cover of the willows which grew on the banks of the creek. Capt. Gunnison was the first man who had finished his breakfast; he arose, and while speaking to his men, the Indians with a tremendous yell, fired upon them. Capt. Gunnison raised his hands and beckoned them to stop. The men immediately fled, only one man fell by the first fire on the spot. The men's first endeavors were to reach their horses; the Indians pursued them, and shot them from their horses. The American party never fired a gun, the last man fell three miles from camp.

Kanoshe, the chief, was sixteen miles away from the scene of the massacre, and knew nothing about it. One of the tribe brought a horse into camp, and told Kanoshe what had transpired. Kanoshe took the horse to the Mormon settlement, (Fillmore), and gave it up to the authorities. He then proceeded to the Indian camp for the purpose of procuring the property of the slain, to render it up to the Americans. The Parvains were exasperated at his interference, and several arrows were aimed at him to kill him.

His indomitable courage alone saved him. He finally persuaded them to give up the papers and effects of the slain, which be delivered to the proper authorities. The Mormon guide was also slain.

The remains of the bodies of those who were murdered, were afterwards interred by the Mormons.

When the alarm was given to the main body of Capt. Gunnison's party by one of the men who escaped from the Indians, Capt. Morris and a detachment of his dragoons, instantly galloped to the scene of action, thirty miles off; they were totally unprepared for anything but offensive warfare.

They arrived on the spot, and found the mutilated remains of their comrades, but no signs of Indians. The weather was very cold, and the ground frozen hard; they bad nothing with them but their swords, to dig into the frozen earth, and were thus compelled to leave them, until they could send from camp, men with pickaxes, etc.; besides, they were among treacherous and hidden enemies.

The living men at the main camp, claimed the first duty of Capt. Morris, and as he could do no good to the dead by remaining, he retraced his steps to the main camp, to protect it from a like aggression, if attempted. He did not know but that the whole of the Indians were in warlike array around him, secretly hid away among the willows on the creek.

Some blame seems to have attached to Capt. Morris; I read an article at Salt Lake City, in a late American paper, in which his conduct was censured. I showed him this paper, and he personally explained the situation he was placed in, and told me that his duty as an officer, was to protect the lives of his surviving party, at the expense of the fraternal feelings and sympathies which he entertained for the lamented dead. I have no hesitation in saying that, from my knowledge of the circumstances of the case Capt. Morris was perfectly justified in acting as he did.

At Fillmore I renewed my acquaintance with Mrs. Webb, who kindly entertained me when I passed through this place three months ago.

14*th*. To-day I made a trade with Wakara, for a horse; I gave him my double-barrel gun and a blanket in exchange, I have now a relief for my mule-we have a long journey before us, and I must give him as much liberty as possible. My sole dependence is on him, for crossing those dreaded jornadas* of over two hundred miles in extent.

* A journey: the absence of water and grass, makes it necessary to continue across the desert without stopping.

I made several views and sketches to-day. Fillmore is 33 miles S. S. E. from the Seveir River, latitude 39' 59'.

The Parvain Indians are a dirty degraded set of beings, scarcely deserving the name of human. They are much inferior to the Utahs, both in mind and appearance.

The Utahs have a large number of horses, and when mounted for a journey they are caparisoned with bells and gaudy trappings. The men paint their faces with vermilion, except when they go to war-they then paint them black. They are curiously attired in buckskin shirts, leggings, and moccasins, beautifully marked with beads and porcupine quills. They generally travel bareheaded, with sometimes a single feather in their hair. They are very fond of red and blue blankets, and use them in the manner of a Roman Toga.

Phenomenon Of Insects Resembling Gunpowder.

Riding leisurely along, at the extreme end of the caravan, I noticed on the ground, what I supposed to be gunpowder. I knew that Gov. Young had a considerable quantity with him to give the Indians, and every man had more or less, a pound—I attributed it to the accidental breaking of a keg, as the wagon jolted along, it might have [been] lost through the crevices. I also noticed that the powder was only in the ruts made by the wheels of the wagons. The quantities seemed to increase, and determining to prevent, if possible, any further waste, I galloped to the other end of the train, and called Gov. Young's attention to it. The caravan was stopped, and I dismounted to obtain a specimen of it to show the Governor, when I discovered that they were minute living insects of the beetle tribe, but no larger than a grain of rifle gunpowder, and at the distance of a foot it was impossible to tell the difference. When the heaps were closely examined, they appeared a moving living mass; on the road, ahead of the wagon there were none to be seen;

the weight of the wheels seemed to have pressed them through the snow, with which the whole valley was covered. The contrast of these minute, black insects on the dazzling snow was remarkable; for ten miles, it appeared as if two continuous trains of gunpowder, from three to five inches wide, were laid the whole length of the Parvain Valley. Neither the Governor nor the gentlemen who accompanied the expedition, had ever remarked a similar phenomenon before, although they had frequently travelled over the same road.

Chapter 31.

Incidents of Travel and Adventure in the Far West

Corn Creek—Meadow Creek—Exploration of Vinegar Lake—Mephitic Gas—Sulphuric Acid—Sulphur—Alum—Volcanic Appearance of the Country—Beaver River Valley—Lieut. Beale's Pass into the Valley of the Parowan—Col. Fremont's Pass in the same Valley—Author crosses his own Trail made three Months before—His Feelings on the Occasion—Red Creek Cañon—Hieroglyphics—Granite Rocks—Remains of a Town—Arrival at Parowan—Brigham Young—Old Acquaintances.

MAY *15th*. On rising this morning I found a snow storm raging on the mountains; in the valley it was raining, and the temperature 38, cold enough to make great coats desirable. We left camp at 8 o'clock, and after travelling ten miles, crossed a fine stream of water called Meadow Creek, banked with willows; two miles further we crossed another rivulet, also fringed with willows and a few cottonwood trees.

The soil in Parvain Valley is rich and highly productive; the earth is covered with parterres of beautiful wild flowers, which are quite refreshing to the eye, contrasted with the snowy mountains all round us.

At 6 o'clock we camped on Corn Creek, 33 miles from Fillmore City; this is the only water from Meadow Creek, a distance of twenty-one miles.

The whole country in this neighborhood is of volcanic origin. Black cinders abound on the mountains, and a kind of grey pumice stone is found in the valleys. Sulphur in large quantities lies on the open ground in the ravines.

Mountains of pure solid transparent rocksalt rear their majestic heads in Juab Valley, a few miles south.

16th. Wakara, the Utah chief, one of the Indians who accompanied us, informed me that a few miles from our present camp there was a most extraordinary vinegar lake, where all bad spirits dwell; a place where a living animal never was seen, and near which there was no vegetation. Our interpreter told me he had heard before of such a lake, but he placed no faith in it. Wakara said he would go along and show us the place. Being anxious and determined to explore, and make some discovery which might benefit science, if any was to be made on this journey, I induced several Mormons to make up a party sufficiently large to insure us against an Indian surprise. The next morning we left the main trail, and proceeded about two miles in an easterly direction towards the base of the Warsatch range. Our path was covered with large quantities of obsidian, and presented every indication that the lake we were approaching was of volcanic origin. Before the lake was in sight, the atmosphere gradually became unpleasant to inhale, leaving a sulphurous taste on your palate. The approach to the lake was, for the last five hundred yards, over limestone rock, carbonized evidently from great heat, at some remote period. The air was greatly charged with sulphuric hydrogen gas, which caused me to feel an inclination to vomit. It affected the rest of the party in a similar manner. Being determined to examine further, we descended the lime formation for about one hundred feet; this brought us immediately on the spot. Its appearance indicated from the character of the surrounding country, that it evidently had been a lake; it now looked like the dry bed of what was once a lake. The surface was covered with an efflorescence to the depth of a foot, more solid, however, as you dig into it, composed of impure alum, and most

probably formed by the action of sulphuric acid on feldspathic rock.

Further towards the base of the mountain which bounded it on the east side, I found large quantities of pure crystalized alum, and also pure sulphur. The efflorescence which covers the lake, might be composed by the spontaneous evaporation of a mixture of sulphate of iron, and tersulphate of alumina, excess of sulphuric acid being present.

We with great caution commenced to walk over this surface, and discovered that it undulated with the weight of our bodies. I felt as if walking on thin ice, which bent, without breaking beneath my weight. As we approached the centre, we heard a roaring, which our Indian said was caused from "big fire below." I put my ear close to the earth, and was almost sure it proceeded from the escape of either gas or the passage of water. With a pickaxe, brought for exploring purposes, an orifice about a foot in diameter was dug. The axe was suddenly driven through, when a yellow, muddy liquid gushed forth in a continued stream. I tasted the liquid, when to my surprise, it was a strong acid, which immediately set my teeth on edge. Sulphuric acid in large proportions was present; this crust of over a mile in diameter, was resting on the surface of this immense body of diluted sulphuric acid. Oxide of iron in large quantities is to be found cropping out of the base of the mountains; sulphur in large quantities is also present. These materials, acted upon by volcanic heat, will produce a white powder, which partakes of the character of the substance, forming the covering to the lake. In the neighborhood of some volcanoes, sulphuric acid is found impregnated with lime and baryta, both of which are abundant on the margins of this wonderful lake. The roaring is evidently produced by the force of the liquid through some subterranean cavern; over this vast field of efflorescent sulphate of oxide of iron, there are no signs of vegetation.

On the mountains, and towards its southern boundary, some few Norway pines and cedars grow. The sulphuretted hydrogen gas which impregnates the atmosphere, prevents birds or animals from inhabiting or resorting near its neighborhood. This gas I judge to be generated by the action of diluted sulphuric acid, on proto-sulphate of iron, all which ingredients are to be found here. Feeling ill effects from inspiring this gas, I finished my examinations quickly, and sought a purer atmosphere. I made a drawing of the lake, and surrounding mountains. This extraordinary place had probably never before been examined by a white man. None of the many Mormons who were present, and to whom I related the particulars, ever explored it. It lies directly at the base of the Warsatch Mountains, in about 38º 26' latitude, and the same longitude as Fillmore City, and nearly 35 miles south of it. We rejoined our caravan at their noon camp.

About one o'clock we resumed our ride, and after a gentle ascent through a beautiful pass in the mountains, we emerged into a large and fertile valley called "Beaver Valley." We camped on Beaver River, thirty miles from Corn Creek. This stream is twenty-five feet wide, and two feet deep at the crossing; it rises and sinks alternately to the Seveir Lake, into which it empties. Only small willows grow on its banks. Beaver River abounds in wild ducks, snipe, and other water-fowl.

17th.—This morning, at daylight, there was a severe frost—water froze in camp half an inch thick. We left camp at half past seven, and after a drive of six hours, the caravan camped on Little Creek cañon—the pass through which Lieut. Beale entered Little Salt Lake Valley, a few months previously.

We harnessed up again, and in an hour crossed the trail which Col. Fremont and our party made on entering this valley from the Warsatch mountains, on the 6th of February preceding. Under what different circumstances I travelled the same road at that time!

When I turned to survey the snowy mountains among which we had suffered so much, and from the dangers of which we had been so miraculously preserved, tears involuntarily flowed from my eyes—I was completely overcome.

I made a drawing of this pass, and also of Lieut. Beale's.

On Red Creek cañon, six miles north of Parowan there are very massive, abrupt granite rocks, which rise perpendicularly out of the valley to the height of many hundred feet. On the surface of many of them, apparently engraved with some steel instrument, to the depth of an inch, are numerous hieroglyphics, representing the human hand and foot, horses, dogs, rabbits, birds, and also a sort of zodiac. These engravings present the same time-worn appearance as the rest of the rocks; the most elaborately engraved figures were thirty feet from the ground. I had to clamber up the rocks to make a drawing of them. These engravings evidently display prolonged and continued labor, and I judge them to have been executed by a different class of persons than the Indians, who now inhabit these valleys and mountainsages seem to have passed since they were done.

When we take into consideration the compact nature of the blue granite and the depth of the engravings, years must have been spent in their execution. For what purpose were they made? and by whom, and at what period of time? It seems physically impossible that those I have mentioned as being thirty feet from the valley, could have been worked in the present position of the rocks. Some great convulsion of nature may have thrown them up as they now are. Some of the figures are as large as life, many of them about one-fourth size.

On Red Creek cañon, a mile further down the valley, there are the remains of a town, built of adobes; ancient articles of housekeeping have been found there. These remains were remarked by the first "Mormons" who came in the valley. Indians never live in adobe houses; their lodges are always of umbrageous foliage, or skins of animals.

As soon as our party were descried from the observatory at Parowan, the authorities of the town, and numbers of other gentlemen, came out to welcome the arrival of his excellency, Governor Young; and I never could have imagined the deep idolatry with which he is almost worshipped. There is no aristocracy or presuming upon position about the Governor; he is emphatically one of the people; the boys call him Brother Brigham, and the elders also call him Brother Brigham They place implicit confidence in him, and if he were to say he wanted a mountain cut through, instantly every man capable of bearing a pick-axe would commence the work, without asking any questions, or entertaining expectation of payment for services.

We entered Parowan about five o'clock. I was affectionately greeted by those persons who administered to my sufferings some few weeks before. I had changed so much, and grown so fat, that not one of them knew me.

Mrs. Heap, my old landlady, could not believe I was the ugly, emaciated person whose face she washed only three months before.

Chapter 32.

Incidents of Travel and Adventure in the Far West

Description of Parowan—Cedar City—Fish Lake—Iron Ore—Bituminous Coal—Future Destiny of Cedar City—Henry Lunt—Affecting Incident—Portrait of a dead Child—A Mother's Gratitude—Harmony City—Parley Pratt—Piede Indians—Personal Privations of Mormons—Bid Adieu to Gov. Young—Letter of Introduction to President of San Bernandino.

PAROWAN is situated immediately under a very high range of irregular, rugged mountains, fringed with timber. A fine stream of water runs through the city, which is sixty rods square, surrounded with a wall, six feet at the base, and tapering upwards to two and a half feet, the wall is twelve feet high, and extends back from the town six miles.

"The valley of the Parowan, or Little Salt Lake Valley, is about sixty miles east of the meadows of Santa Clara, between 37º and 38' of north latitude, and between 113' and 114' west longitude; elevation above the sea, five thousand feet." (Fremont's letter.)

It contains one hundred families, five hundred head of cattle, one hundred and fifty horses and mules, and three hundred sheep.

Provisions of all kinds, are very scarce and high; their supplies are procured either from Salt Lake City, three hundred miles north, or San Bernandino, five hundred miles over the deserts to the south. C. V. L. Smith is president; Lewis, bishop; John Steele, mayor.

18th.—The whole party left this morning at ten o'clock, for Cedar City, Coal Creek; we arrived there at two o'clock-eighteen miles to the south of Parowan.

Mr. Henry Lunt, a well informed, and generous hearted Englishman, was, it is supposed, the first white man who ever entered this valley, or the river of the Great Basin. With twenty-two men he arrived at the present site of the city, two years and a half ago to form a settlement.

Cedar City now contains one thousand inhabitants, who possess fifteen hundred head of cattle, besides a large number of horses, mules, and sheep. The city is half a mile square, and completely surrounded by an adobe wall twelve feet high, six feet at the base to two and a half at the top; the building of the wall was attended by a great deal of labor; the persevering industry —of these people is unsurpassed. A temple block is in the ,centre of the city, covering twenty acres of ground, the building lots are each twenty rods by four rods.

Twenty miles to the eastward of Parowan, there is a fresh water lake, formed by a stream from the Warsatch Mountains, which is filled with salmon trout; out of this lake comes the Seveir River, which flows north into the Seveir Lake.

Immediately in the vicinity of the city, is an extensive bituminous coal mine.

Iron ore of superior quality, eighty per cent. pure iron, is found in great quantities; four miles from the city are two mountains of solid

ore.

Iron works are in successful operation, all the railroad iron necessary to complete a road from there to San Bernandino, can be procured here.

This city is destined to become a great place of business, and, in case the Pacific Railroad does not come through or near Great Salt Lake City, it will be the channel through which all importations for the Territory of Utah will come, it being only about four hundred and fifty miles from San Diego, on the Pacific coast; a distance frequently travelled in ten days.

I renewed my acquaintance with the president, Henry Lunt, with much pleasure, I remained at his house during my stay, and to himself and kind lady, (they are among those who deprecate the spiritual wife system), I was indebted for many little attentions and civilities.

Mr. Lunt was about visiting the city of New York on his way to England, and I gave him a letter of introduction to my family, which he delivered afterwards in person, before I arrived at home.

The morning after my arrival, 1 arose very early, and taking my sketch-book along, I sauntered around the city; in the course of my peregrinations, I saw a man walking up and down before an adobe shanty, apparently much distressed; I approached him, and inquired the cause of his dejection; he told me that his only daughter, aged six years, had died suddenly in the night; he pointed to the door, and I entered the dwelling.

Laid out upon a straw mattress, scrupulously clean, was one of the most angelic children I ever saw. On its face was a placid smile, and it looked more like the gentle repose of healthful sleep than the everlasting slumber of death.

Beautiful curls clustered around a brow of snowy whiteness. It was easy to perceive that it was a child lately from England, from its peculiar conformation. I entered very softly, and did not disturb the afflicted mother, who reclined on the bed, her face buried in the pillow, sobbing as if her heart would break.

Without a second's reflection I commenced making a sketch of the inanimate being before me, and in the course of half-an-hour I had produced an excellent likeness.

A slight movement in the room caused the mother to look around her. She perceived me, and I apologized for my intrusion; and telling her that I was one of the Governor's party who arrived last night, I tore the leaf out of my book and presented it to her, and it is impossible to describe the delight and joy she expressed at its possession. She said I was an angel sent from heaven to comfort her.

She had no likeness of her child.

I bid her place her trust in Him "who giveth and taketh away," and left her indulging in the excitement of joy and sorrow. I went out unperceived by the bereaved father, who was still walking up and down, buried in grief. I continued my walk, contemplating the

strange combination of events, which gave this poor woman a single ray of peace for her sorrowing heart.

When I was about starting the next day, I discovered in the wagon a basket filled with eggs, butter, and several loaves of bread, and a note to my address containing these words—"From a grateful heart."

19th—The Governor and a portion of the party proceeded to-day, to the city of Harmony, twenty-two miles farther south.

Parley Pratt and the party with whom I intended to travel to California, remained behind to complete their outfit of provisions.

At this point, the road to San Bernandino branches out thirty miles to the westward. We shall proceed on our journey, on the return of Brigham Young from Harmony.

The Payides, or Piedes, were considered the most degraded set of Indians in the Territory, living on reptiles, insects, roots, etc., and going about in a state of nudity.

Since the settlement of Cedar City, they have become more civilized; many of them live within the walls of the city. The Mormons have supplied them with clothes, and proper food. The Indians have become of very great assistance in ploughing and reaping. Several acres of ground have been placed under cultivation, and appropriated for the use of the Indians. They are now acquiring the arts of agriculture and husbandry.

A large number of them have been baptized into the Mormon faith.

It is really astonishing to see the sacrifices and personal privations to which these people willingly, and uncomplainingly submit. Hundreds of families who formerly lived more comfortably at home, are now contented with a mud hut, twelve to fifteen feet square, with a single room, in which they cook, eat, and sleep. In some of them I have seen eight persons, including children, yet they are perfectly happy in the plan of salvation held out to them by the religion they have embraced.

21st.—The Governor and party arrived this evening from Harmony.

He has appointed the following gentlemen to take up a permanent residence with Wakara's band of Utahs, viz.: Porter Rockwell, James A. Bean, interpreter; John Murdoch, and John Lott. These persons will follow them in their wanderings, and will, most probably, prevent many depredations and murders.

22nd.—Our party intend starting for California, some time during this day. I breakfasted with Gov. Young; he has given me a letter of introduction to the President of San Bernandino, and all Mormons everywhere. He says I have but to show it, and it will procure me all I require at any time. I have just taken leave of him and his lady, as well as of the rest of the party.

Chapter 33.

Incidents of Travel and Adventure in the Far West

On the Road to California—Iron Springs—Meadow Springs—Entrance to Las Vegas de Santa Clara—Prairie Flowers—Rim of the Basin—Santa Clara River—Difficulty of Crossing with Wagons—Wounded Indian—Serpentine Course of the River—Waterfall—Natural Cave.

AT three o'clock, our party, consisting of twenty-three Mormons, missionaries to the Sandwich Islands, undercommand of Parley Pratt, started on their journey. We have six wagons and teams. A woman who is going to her husband at San Bernandino, has permission to accompany us. She also has a wagon and team, but her horses look as if they would not travel fifty miles. She is an encumbrance, and I anticipate trouble with her. We proceeded twelve miles, and camped at Iron Springs, with good water.

22nd.—At seven this morning, we were on our road, travelling due west, until two o'clock, when we camped on Penter Creek, twenty-five miles distant from last. camp.

The road now forms an elbow, and heads to the south. We followed the course, until we came to Meadow Springs, the entrance to Las Vegas de Santa Clara, noted on Fremont's map-distance twelve miles from noon camp.

This stream is clear and cool. The meadows abound in good grass and rushes, while the surrounding moun tains would afford sustenance to thousands of cattle and sheep.

23rd.—The weather last night was cool and delightful. This morning we left camp at half past seven o'clock and followed the road in the centre of the valley meadow to the base of a picturesque mountain, studded with large cedars and umbrageous foliage.

The meadow formed a perfect carpet of various colored flowers, among which were larkspurs, lupines, and many varieties of wild flowers which I have never before seen. I have gathered and preserved specimens of those I considered most valuable.

The contrast of the colors of prairie flowers, as they are thrown carelessly on nature's carpet, is truly wonderful; the greatest harmony prevails—you see the yellow and purple, green and red , orange and blue, arranged always in juxtaposition, producing the primitive colors of a ray of light, through which medium only we are able to distinguish them.

The ancient masters always produced harmony in their pictures because they closely studied nature; at the same time, they could not have known the science of colors, as there is no work extant on the theory of colors, when Raphael or Titian lived. Modern researches have discovered the reasons why nature is thus harmoniously beautiful in all her varied dresses.

The works of modern artists, therefore, should be always correctly delineated, as they not only have the same nature to study from as the ancients had, but science has assisted them with theoretical problems, founded on scientific investigations, in the different

branches of Natural Philosophy.

The road continued through a romantic pass, which wound around the foot of the mountains.

When we reached the divide where the waters flow towards the Gulf of California, the scene that presented itself was grand and sublime.

We camped on the banks of a beautiful stream, the Santa Clara, on the margins of which I observed the rose-tree, in full bearing, also cottonwood, ash, besides shrubs of different kinds, all in bloom. The air was filled with fragrance, and the scene presented a harmonious and refreshing landscape. This paradise is without a solitary living human inhabitant. These plants and flowers are literally

"Wasting their sweetness on the desert air."

We travelled twenty miles this morning, when, after giving our horses a resting-spell, we continued on our journey through this luxuriantly beautiful valley, crossing and re-crossing the Santa Clara six times. This river runs in a serpentine direction, almost due south, the waters of which were, at this time, much swollen. At the last crossing, my mule went in over his head, and I got a wetting as the price of my ferriage.

The wagons had to be pulled over quickly, with all the horses attached to them, by long ropes; the current was so strong as nearly to overturn them. Almost everything at the bottom of the wagons was wet.

The east side of the river, is a continuation of picturesque, abrupt rocks, very much the appearance of the canons on Grand River, except that the formation is a black ironstone rock, while that of the Grand River is sandstone.

The Santa Clara River, has no connection with the Seveir River, as was formerly supposed, but is one of the tributaries of the Great Colorado, emptying into the Gulf of California, while the Seveir River empties into Seveir Lake.

We camped on this romantic stream, and at night I took a refreshing bath in its crystal waters.

24th.—At an early hour this morning, our camp was visited by a number of Paiede Indians; they were almost in a state of nudity; we supplied them with food, and some few clothes. One of them, who walked lame, said, he was shot by an exploring party, about ten years ago corresponding with Col. Fremont's first expedition over this country. With those Indians Col. Fremont had several skirmishes, and I have no doubt, he was wounded in attempting to waylay that expedition. One of the men told him, I was an American, in contradistinction to Mormon. "Ha!" said he, pointing to his wound, "I got that from Mericats"—he looked very savagely at me, and I have no doubt, would have taken delight in making me a target for his arrows: if I had told him I was one of Col. Fremont's men, I am pretty sure I would have had to give him satisfaction. This man followed our camp on foot several days afterwards.

We left camp at eight o'clock, our road lay through scenery similar to that presented yesterday. We crossed the Santa Clara, six times to-day, making twelve crossings, in as many miles. Box, elder, cottonwood, honey locust, grow luxuriantly all along the river, about a mile from the end of the valley where we left it. There is a romantic fall of water on this stream. The fall is twelve feet; on the opposite side of the road there is a natural cave, formed in the red sandstone, which overhangs the road, of nearly fifty feet in depth, and thirty feet high. I explored it, and found only the remains of some Indian articles.

It was about this spot where Lamphere was killed a few weeks before, a description of whose murder I gave in my notes of Salt Lake City. We exercised great vigilance while in camp, and also while travelling through the dense undergrowth of many parts of this river. I looked for enemies in every tree, and was truly rejoiced when we reached the open country again.

Chapter 34.

Incidents of Travel and Adventure in the Far West

Romantic Pass—Rio Virgin Valley—Sterile County—River Bottoms—Acacia Groves—Abrupt Descent—Formation of the country—Pah Utahs—Indian Bow and Arrows—Orange color Berries—Effect on the System—Digger Indiana—Baptized into Mormon Faith—Steep descent—Divide between Rio Virgin and Muddy Rivers—Difficult travelling—Muddy River described—Author lends his Horse—Approach to the "Great Desert."

WE slowly ascended some sloping hills, which brought us after an hour's ride, on the broad table land. The view then back towards the valley, was sublime beyond description. I made a sketch of it on the spot. Continuing our travel for two hours we halted at a spring of clear water, impregnated with iron. We watered our animals, as it was the last water we should see, until we arrived at the Rio Virgin (Virgin River), twenty-five miles distant; an hour was allotted for the animals to crop some (of the anomaly of this country), bunch grass, which abounded near the spring. We then started for the Rio Virgin, the approach to which, was through the most beautiful and romantic pass I ever saw: it is a natural gorge, in a very high range of mountains of red sandstone, which assume, on either side, the most fantastic and fearful forms; many look as if they were in the very act of falling on the road below them.

The valley of this pass is narrow, but abounds in the most luxuriant grasses and delicate-tinted flowers; a flowering shrub, growing to the height of fifteen feet, exhaling delightful perfume, abounds along the road. Pines and cedars start out from among the rocks, on the sides of the pass, towering one above the other, like Ossa upon Pelion. I have travelled through the beautiful passes in the Rocky and Warsatch Mountains, but I have seen nothing that could excel this, either for the facilities of a railroad, which could be constructed through it without grading, or for the magnificence of the combinations which are requisite to produce effect in a grand landscape. This pass is about six miles through.

Suddenly, as you are about to emerge from this pass, through the opening of the mountains, I beheld the valley of the Rio Virgin at sunset, bursting upon me in all the glory and sublimity of a perfect picture. The view in the distance is unbroken for many miles; generally the scene is blocked in by mountains at short distances.

We descended gently into an extensive valley, sterile to a degree, which seemed to be peculiarly adapted to the growth of a species of palm, called in the West Indies the Spanish needle; this and a dwarf species of artemisia, was the only vegetation visible. The soil is sandy, and embroidered as it were, artificially, with parterres of small pebble stones, arranged with amazing regularity, for many miles, over which over wagons rattled, and bounced amusingly enough to those, who preferred a ride on horseback, to a seat in them. At eight o'clock in the evening, we camped on the banks of the Rio Virgin, the waters of which were also very high. I expect great difficulty in crossing with the wagons tomorrow. Thermometer at noon 90º.

25th.—We left camp this morning, at half-past seven o'clock. Our road led over a sandy bluff, which was most tiresome to

our animals. After a stretch of three miles, we abruptly descended some two hundred feet into the bed of the river, which we crossed with much difficulty, -as the water was over the bottoms of the wagons.

The road led through a continuous grove of acacias *(spirolobeum odoratum)*, in full bloom, interspersed with a few cottonwoods. We found this road, also, to assume a serpentine course, which created the necessity to recross it seven times by noon camp.

I noticed on this river a beautiful tree, covered with white flowers hanging in tassels like the flowers of the locust; it resembles the willow, with its long narrow leaves. It is about as large as the weeping willow; it is, certainly, the most beautiful ornamental tree I ever saw.

There are two species of acacias, one closely resembling the opoponax, the other bearing long white blossoms and spiral seed vessels.

These trees abound with doves, which, with the mocking-bird, are the only kinds of the feathered tribe I noticed.

The formation on both sides of the river is a conglomerate, or pudding-stone, with layers of sandstone.

Thousands of party-colored flowers cover the dry, Sandy bottoms. It seems a marvel to me how the loose dry sand can yield nourishment sufficient to enable them to grow so luxuriantly.

We travelled twenty miles to-day, along the river, and camped at six o'clock on the road, with good bunch grass on the hills around.

A number of Pahutes came into camp this evening; they were friendly, and also hungry. We gave them supper. I procured from one of them a bow, made of a single horn of the big horn sheep, covered on the outside with deer-sinew, which they chew until it forms the consistency of thick glue; they then cover the back of the bow with it to increase its strength. I also procured from them a quiver full of steel and obsedian pointed arrows, in exchange for some articles of clothing.

26th.—We left camp this morning at eight o'clock; our road lay through a complete forest of bushes about three feet high, covered with an orange-colored berry. The Indians, who followed our camp, said they were good to eat.

Nearly all of the party partook of them, as they tasted well. A short time after eating them I fell sick, and they affected me in the same manner as if I had taken an emetic. All the camp were affected in the same manner. No other unpleasant consequences followed our imprudence.

The scenery around is uninteresting. We camped at noon, for luncheon, after having crossed the river five times to-day. The sun is very hot, and riding exposed to its influence is not very pleasant.

After resting our animals and satisfying the inner man, we resumed our journey, and camped on the river, having crossed and recrossed it fifteen times.

The high bluffs immediately over our camp, are covered with Indians, all armed. I hardly think they will have the temerity to attack us. We travelled to-day twenty miles.

The most degraded and lowest in the scale of human beings are the Digger, or Piede Indians, of the Rio Virgin and Santa Clara Rivers. Our camps were frequently visited by them. I have often observed them with lizards, and snakes, frogs and other reptiles, strung on a stick over their shoulders, endeavoring to sell or trade for articles of clothing. At certain seasons they dig for roots to subsist on. They go about perfectly nude, with the exception, sometimes only, of a piece of deer-skin around their loins. They are expert thieves, and great vigilance must be used to prevent them from robbing you before your very eyes.

The Indians on the Muddy River are a little higher in the scale of civilization. At one of their villages at which I rested, I found corn and wheat under excellent cultivation, the women grinding it between stones. This improved state is owing to the Mormons, who travel continually on this route to and from San Bernandino. From them they obtained the seed, and several implements of agriculture. The chief and half-dozen others in this village had been baptized in the Mormon faith. The Mormons have acquired the Piede language, and have collected many of the words and sentences, which they have printed.

The following is an illustration of a few sentences arranged in the Piede dialect:

Cot-tam-soog-away	I don’t understand.
Huck-ku-bah-pe-qua?	Where are you going?
Im-po-pe-shog-er	What are you hunting?
Cot-tam-nunk-i	I don’t hear.
Koot-sen-pungo-pe-shog-er	I am hunting cattle.
Huck-ku-bah-pah?	Where is the water?

Pah-mah-ber-karry.	The water is over yonder.
Topets-karry.	There is a spring there.
Huck-ku-bah-kah-bah-poni-koe?	Where did you see the horse?
Kah-ponikee-kan-e-gab.	I saw the horse at the foot of the mountain.

NUMBERS

Soos	1
We-ioone	2
Pi-oone	3
Wol-soo-ing	4
Shoo-min	5
Nav-i	6
Nav-i-ka-vah	7
Nan-ne-et-soo-in	8
Shoo-koot-spenker-mi	9
Tom-shoo-in	10
Wam-shoo-in	20
Pi-oone-shoo-in	30
Wol-so-i-mi-shoo-in	40

Shoo-mo-mo-shoo-in	50
Nav-i-me-shoo-in-ny	60
Nav-i-kah-mi-sho-in	70
Nan-ne-et-soo-e-mi-shoo-in	80
Shu-cut-spinker-mi-shoo-in	90
Wah-kut-spinker-mi-shog	100

27th.—At eight o'clock to-day, we were on the road, which turned towards very high bluffs. We found the ascent so steep that it was necessary to unharness all the horses from the wagons, and attach them all to one wagon, making fourteen animals dragging one vehicle up this difficult eminence—the men also assisted. This ascent was about 400 yards, and an angle of 35 degrees. We were busily occupied three hours, in taking all our wagons to the table land above. Our course then lay over a barren desert, due west.

The road was covered with a loose fossilliferous rock, very flinty, and painful for our animals to travel. We travelled over the same character of road for twenty miles, and then descended into the valley of the Muddy River, through a deep, irregular canon of at least three miles in length. We reached the river at five o'clock, after a toilsome and most disagreeable day's travel.

We found excellent grass for our animals on its banks; the temperature was 90º Fahrenheit, which is not much above the average of the coldest weather. This river, supposed to be the Rio de los Angeles, vulgarly called Muddy, takes its rise from hot springs in the mountains. The Indian name is "Moap." The Indian name of the Santa Clara is "Tonequint"—Rio Virgin, is "Paroos." The water is clear and pleasant to the taste, and by no means deserves the name of Muddy.

As soon as my mule was unsaddled, I was in the water, and enjoyed a delightful bath, which was refreshing after such a long hot ride.

We intend to encamp here for a day, to recruit our animals, and make some little preparation for our travel over the dreaded Jornada, a distance of fifty-five miles, without a drop of water or a blade of grass for the animals. Jornada means a journey, viz.: a journey on which you cannot stop; for your animals, if they rested without food or water for such a distance, would go mad; therefore, it is necessary to continue, and push right through, on one stretch, for fifty-five miles. It is most serious to contemplate, but "no hay remedia."

My mule is in good order, and I trust to him to carry me safely over it. Yesterday I found it necessary to lend my horse to the woman who accompanies us; one of her horses gave out, and my horse was the only spare animal. It is just what I expected; but as she is along with us, we must assist her at all hazards. The camp is filled with Diggers; Fremont calls them Pah Utahs, i.e., Utahs living on the water.

These Indians, we find are great thieves; they appear friendly, and we put up with their peccadilloes for policy's sake.

Chapter 35.

Incidents of Travel and Adventure in the Far West

Preparations to Cross the Jornada—Fifty-five Miles without Water or Grass—Deserted Wagons on the Road—Dead Oxen and Mules—Emigrant Party—Clouds of Dust—Oasis—Delicious Water—Extraordinary Fresh Water Buoyant Spring—Impossibility for a Man to sink in it—Never before Described—Another Jornada of Forty Miles—Col. Reese's Train—Detention—Reese Cut off—Snow-Capped Mountains—Bad Roads—Mineral Springs—My Mule in Harness—Animals giving out.

28th.—At about three o'clock, the order was given to fill up the water cans, as we were about to traverse this immense desert where water was not to be had; every vessel that could possibly be used, was immediately put in requisition-canteens, kegs, bottles, cans, etc.

At four o'clock, having harnessed up the horses, and saddled my mule, we were on the road, which led through a loose stony ravine, with much sand; it was very heavy travelling, and our animals moved through it with a great deal of difficulty.

We travelled thus for eleven miles, and then gradually ascended the table land, on a harder and better road.

We commenced our journey in the afternoon, that we might have the benefit of the night air to travel in; a cool, north wind tempered the atmosphere, and we continued the journey through this sterile, bare, and uncovered country, until midnight, when we halted and refreshed our animals with water from our reservoirs. After a rest of three hours, we resumed our journey, and at ten o'clock in the morning of the 29th, we had crossed this dreaded Jornada without any accident, and camped on a narrow stream of deliciously cool water, which distributes itself about half a mile further down, in a verdant meadow bottom, covered with good grass.

This camp ground is called by the Mexicans, Las Vegas. Once more, we had plenty of grass for our fatigued animals, and we determined to rest here, during the day and night.

We passed a number of deserted wagons on the road; chairs, tables, bedsteads, and every article of housekeeping, were strewn along our path. The emigrant party who had preceded us about ten days, from Parowan, to lighten their wagons, threw out first one article and then another, until everything they had, was left on the road. It was not difficult to follow their trail; in one hour I counted the putrid carcasses of nineteen oxen, cows, mules and horses; what a lesson to those who travel over such a country, unadvised and unprepared.

A strong north wind blew during the morning, which raised clouds of dust, completely and unresistingly filling our eyes with a fine white dust, although I used goggles to prevent it.

The delightful and refreshing water of this oasis, soon purified me, and now, having crossed the desert, bathed and breakfasted, I feel more comfortable, both mentally and physically.

Mesquite, (*alga robia*) are the only trees growing near this stream.

30th.—We remained at camp all day yesterday, and left this morning at ten o'clock.

We followed up this delicious stream for about three miles; I was curious to see from whence it flowed, the general character of the country indicating that we were not far from its source. Several of us turned from the road, and at a short distance, we found its head waters. It was a large spring, the water bubbled up as if gas were escaping, acacias in full bloom, almost entirely surrounded it—it was forty-five feet in diameter; we approached through an opening, and found it to contain the clearest and purest water I ever tasted; the bottom, which consisted of white sand, did not seem to be more than two feet from the surface.

Parley Pratt prepared himself for a bathe, while I was considering whether I should go in, I heard Mr. Pratt calling out that he could not sink, the water was so buoyant. Hardly believing it possible that a man could not sink in fresh water, I undressed and jumped in.

What were my delight and astonishment, to find all my efforts to sink were futile. I raised my body out of the water, and suddenly lowered myself, but I bounced upwards as if I had struck a springing-board. I walked about in the water up to my arm-pits, just the same as if I had been walking on dry land.

The water, instead of being two feet deep, was over fifteen, the depth of the longest tent pole we had with us. It is positively impossible for a man to sink over his head in it; the sand on its banks was fine and white. The temperature of the water was 78º, the atmosphere 85º.

1 can form no idea as to the cause of this great phenomenon; Col. Fremont made observations on the spot in 1845, and marked its existence on his map as Las Vegas; but he has since told me he did not know of its buoyant qualities, as he did not bathe in it. In the absence of any other name, I have called it the Buoyant Spring.

Great Salt Lake possesses this quality in a great degree, but that water is saturated with salt; this is deliciously sweet water; probably some of the *savans* can explain the cause of its peculiar properties. We lingered in the spring fifteen minutes. Twenty-three men were at one time bobbing up and down in it endeavoring to sink, without success. I made drawings of this spot, and the surrounding mountains.

If it were not for this "blessed water," it would be almost impossible for man to travel across these deserts; the next water is at Cottonwood Springs, twenty miles distant.

Twenty miles S. S. W. of us, is a high range of mountains; the two centre ones were covered with snow.

We travelled through them by a romantic pass; the road was level although heavy, being composed of small pebbles, and loose sandstone. I perceived no vegetation, but the usual desert shrubs. In the bosom of these mountains we came to a spring of clear cold water, near which grew luxuriantly, cottonwood, acacias, and a kind of willow in full bloom. We encamped on tolerably good grass.

We have before us another Jornada of forty miles for to-morrow's work.

I collected from the acacias about an ounce of good "gum arabic." I think it is to all appearance the same tree which produces it in the West Indies.

31st.—We made an early start this morning, and commenced ascending to a high pass, in a rocky range of lofty mountains, studded with pine, and cedars; the road was very heavy, with loose cobble-stones, and sand. The ascent occupied four hours. We halted at about a mile on the other side, and found a spring of good water.

We met encamped here, Colonel Reese's train, from San Bernandino, bound for Great Salt Lake City. They were in a most distressed state. They had lost a great many of their animals on the desert, and were unable to proceed with the whole expedition. Their wagons were loaded with necessaries and merchandise for the settlements; they had to send to Cedar City for fresh animals to enable them to continue.

I purchased a small quantity of sugar and tea from them, for which I paid a high price—fifty cents per lb. for brown sugar.

We gave our animals a good rest, and started for the Jornada by a new cut off, discovered by Col. Reese.

We travelled over most uncomfortable roads, the soil, instead of sand as heretofore, is an impalpable white powder, very much like pulverized limestone, sown with large rocks; my eyes, although protected with a veil and goggles, suffered very much the whole way. The old road was south south east, this *cut off* led south south west. It is said, by this route, forty miles of travel is saved, and you escape the salt and bitter springs.

The country is an extensive barren waste, we continued on it until midnight, without finding a blade of grass. We camped until four o'clock, A. M.

June 1st.-We started at day dawn, and have, by our calculation, travelled over forty miles. The snow capped mountains, observed on the 30th, as bearing S. S. W. now bear directly north.

At three o'clock, we camped at a spring, at the foot of a range of high hills of pudding-stone.

The last twenty miles of this day's work, has had a decidedly bad effect on our animals. My mule has been in harness yesterday and to-day, to assist the Mormon lady. One might, as it were, see the flesh go off his body—he has lost at least thirty pounds in the last forty-eight hours. One of our horses gave out, and was shot on the road, a wagon also broke down and was left on the road.

On examining the spring, I found it to be strongly impregnated with sulphur and iron; it is a very pleasant mineral water, although very warm; the thermometer indicated a temperature of 90º, while, when exposed to the atmosphere, it sunk to 65º—at six o'clock, P.

M.

2nd.—Our road, during the last twenty miles, lay along the dry bed of a creek, until we came to a high range of volcanic rock, where we pushed our way through an intricate pass to the spring which is on the road, immediately after emerging from the cañon.

The ground on which the spring is situated, is rather elevated, the earth is elastic to the tread, and almost any where near it, you can get water by digging eighteen inches. This water is also slightly impregnated with iron.

Chapter 36.

Incidents of Travel and Adventure in the Far West

Peg-leg Smith—Gold Explorers—Enter upon the Desert—Road strewn with Dead Oxen—Poisoned Atmosphere—Deserted Wagons and Horses—Howling Wilderness—Excessive Heat—Bitter Springs—Polluted by Dead Animals—Bunch Grass—Reflections—Mohahve River—Deserts Surmounted—Horses give Out—On Foot—Dig for Water in the Sand—Pleasant Weather—Snowy Mountains—Crossing of the Mohahve River—Agave Americana—Cajon pass Sierra Nevada—Descent into the Valley of San Bernandino—Arrival at San Bernandino—Variations of the Compass.

WHILE encamped on this spot we met a party of gold explorers from Los Angeles. They had been down on the Colorado, looking for gold, but had been unsuccessful. They were under the command of a man with one leg, known as "Peg-leg Smith," a celebrated mountaineer.

He told me he had been several times across the continent, and had been in this part of the world for some years.

He says he crossed the Rocky Mountains in 1824—30 years ago. He is a weather-beaten old chap, and tells some improbable tales. They are on their way back, and will travel with us; they comprise ten men, all mounted on mules.

To-day two more of our horses gave out; one of them belongs to the wagon which contained my baggage. Mr. Peg-leg Smith tells me these are called Kingstone Springs. I made drawings of the mountains which are near them; they are curiously formed land marks, and may be useful to future travellers. We have another terrible Jornada to pass, a distance of fifty miles. I hardly think we shall get over it without leaving some of our animals.

At 3 o'clock we started; our course was south west, over a new country. Reese's train was the first who had ventured; none of our party had ever been over, and ***I never want to traverse it again.***

In travelling over the vast prairies and mountains it is well that the range of our vision has certain limits. If we could take within scope of our sight, the whole extent of the distance to be travelled, we should most probably give up the original intention as one of the impossibilities; a wise Providence has ordained otherwise. The distance is bounded frequently by high ranges of mountains, which cut off the perspective, or the atmosphere between the eye and the object produces an aerial effect, which obscures like a curtain, the far spread waste, inspiring the wearied traveller with fresh and renewed energy.

"So doth the untrod distance still delude us."

This was decidedly the worst ground I had ever travelled. After 20 miles ride, I saw in the distance, what I took to be a lake, and none of the party knew better. It was an extensive bed of pure white sand, probably fifteen miles in diameter, and may have been once the bed of a lake. Our road lay directly over it, and we proceeded slowly, and with much difficulty; at midnight we rested our animals.

3rd.—At 4 o'clock we were on the road again. Carcasses of dead horses and oxen, strewed the way. Some were left to die, and others still warm, although dead. In the space of one mile I counted 40 dead oxen and cows; the air was foully impregnated with the effluvia

arising from them. We also passed six deserted wagons, chairs, tables, and feather beds which were left on the road in greater quantities than on the first desert.

At noon we arrived at Bitter Springs, the grounds about which are strewn with dead animals, and the polluted atmosphere at this time, one o'clock, P. M., ranges at 95º in the shade of our wagons, and is nearly unbearable.

This is a howling, barren wilderness; not a single tree or shrub for the last fifty miles, nor is there one in sight now. I did not observe during the last day's travel, a lizard or any sign of animal or insect life. There was plenty of food for wolves, but they dare not venture so far from water.

These springs are not bitter, but possess a brackish taste. There are small springs in different places; the largest admitted one horse at a time to drink, the rest would have to wait until the water was replenished from the earth.

While I write of the sterile and barren desert, over which I have travelled, I cannot but contemplate with admiration the goodness of the Almighty, in placing at intervals, food and water for the sustenance of our animals.

Along the whole road there is not a blade of grass for a distance of fifty miles; but in the immediate vicinity of this spring there are hundreds of acres of the best quality of bunch grass; there is, apparently, the same sandy barren soil, not deriving any nourishment from the spring, which is a mile away.

Without the watchful care of Divine Providence, man would be unable successfully to traverse these deserts.

June 4th.—We left camp at 5½ P. M., and camped at 8 o'clock this morning: 5th, encamped on the Mohahve River. We made 31 miles since last evening.

I return grateful thanks to the Omnipotent for conducting me safely over the mountains of snow, and the dangers of the desert wilderness.

We may now consider the real perils of the journey past. San Bernandino is ninety miles S. W. of us. In four days, I trust we shall arrive in good health and condition.

Yesterday two horses gave out. Our Mormon lady is the sub-tenant of one of our wagons; her own was so heavy as to wear out the animals, she was obliged to leave it on the road. My poor mule is only a shadow of himself, I walked about fifteen miles yesterday, to relieve him. He has now good grass for his supper.

When we struck the Mohahve River, it appeared to be only a dry bed of sand, with a few pools of water about six inches deep. We were very grateful that we found any at all, as our animals were suffering very much for the want of it.

Cottonwood and willows grow abundantly near the banks. The sight of vegetation is refreshing, and indicates our approach to a country more adapted for the purposes of man.

We left camp at four o'clock, in hopes of finding a better camp-ground.

We travelled thirteen miles through loose deep sand, when, turning again to the river, we found a large sluggish pool of water, twenty-five feet in diameter, and one foot deep in the bed of the river, which sinks and rises in the sand for many miles.

Good bunch grass was here in abundance, and our animals are faring sumptuously.

The flowering willow (a dwarf), is the only tree now visible. Thermometer, at day-light, 60º. A strong gale of wind is blowing from the north.

We have been highly favored with pleasant weather during our journey across these deserts, with the exception of a few hours at mid-day: the temperature has been delightful, quite opposite to what I had anticipated.

6th.—We left camp this morning, and continued along the dry bed of the Mohahve River for fifteen miles, when we halted. We dug holes in the sand, and found good pure water.

Our camp-ground is surrounded with fine large cottonwoods, and plenty of bunch grass on the benches near.

7th.—We were on the road at an early hour this morning. We struck across a sandy desert, of about ten miles, and approached the river again, but found no water. We continued along, and at noon halted about five miles further up, with clover, grass, and water in a little pool on the road.

The thermometer at daylight this morning, was down to 40º. Large fires were very comfortable. In the last forty-eight hours, there has been a variation of 60º of the thermometer, in the shade.

The weather is more like October than June.

Two high snowy mountains, bearing S. S. W., almost immediately on our course, indicate our approach to the Nevada Mountains.

At five o'clock, we encamped within five miles of the crossing of the Mohahve River. Abundance of good red clover, grass and plenty of water.

We travelled thirty miles this day.

8th.—At daylight this morning our camp was in active preparation for departure. The temperature 55º, and delightful weather. After

an early breakfast, we rode through a beautiful grove of cottonwood, with willow undergrowth. Rose trees in full bloom, with hundreds of other beautiful flowers. This is a fairy land, indeed. What a contrast to the desert of a few hours ago! Grape vines hang gracefully from the branches of lofty trees, while the air resounds with the songs of birds. I noticed numbers of doves, a species of quail with a top knot (the California quail), herons, and ducks in great numbers on the river.

We crossed the river, which at this place was a running stream, about two hundred yards wide, and fringed with cottonwood and willow trees. After leaving the river, we commenced to ascend gradually to another desert, of seventeen miles. The last five miles was through a forest of muskale (*Agave Americana*), which grow to an immense size; some as large as the greatest oak tree I ever saw. This is a curious tree, the trunk is cylindrical, as if it were turned; its limbs are leafless, except at their extremities, on which grow long narrow leaves, with a sharp prickle at the end. These trees assume the most fantastic forms. At noon we arrived at the summit of the Cajon Pass, in the Sierra Nevada the descent from which is on a saddle or spur of the mountain, on an angle of thirty-five degrees, and the length of the descent is a quarter of a mile, then it becomes more gradual for a mile, until you reach the valley below.

The view from the top of the pass, is grand beyond description—from it, you can see the San Bernandino Mountains, and numberless valleys; from this eminence the Tulara Pass is in view.

The descent of our wagons occupied considerable time; the team was in front, but the whole force of the men were attached to long ropes at the end of the wagon, to prevent its too rapid descent; the surface of this saddle is perfectly smooth, and a good team of horses easily draws up a wagon over it to the top. There would be no difficulty for two steam engines to propel a train of cars up this natural inclined plain, while the road from Great Salt Lake to San Bernandino, eight hundred and fifty miles, could be laid without any grading; the passes through the mountains being perfectly level, and well adapted for railroad purposes—while the deserts are almost perfect plains.

After descending into the valley, the road to San Bernandino leads through a wide level cañon in which grow spontaneously abundance of wild oats. We encamped, after journeying ten miles through it, with good water and grass. We travelled thirty-two miles this day.

9th—This morning at daylight the thermometer was at 35º. We left camp early, and continued through the cañon which was well timbered for twelve miles, we then emerged into the San Bernandino Valley, and at one o'clock, P. M. we all arrived safely at San Bernandino. I collected and preserved numerous specimens of wild flowers, which are yet unclassified.

My mule is in tolerable condition, the last few camps where good clover and grass were obtained, improved him greatly. The horses have all come in very poor, and many of them lame and broken down.

I was kindly received by Gen. Rich, the president of San Bernandino, who showed me many civilities.

San Bernandino Valley, is a tract of most fertile country; it was the seat of a Catholic Mission some years before, but recently

purchased by the Mormons for a settlement.

San Bernandino City, contains about one thousand inhabitants, the church owns saw-mills and flouring mills, it is a great agricultural country. Being desirous of reaching the sea-board, I only remained three days here. I mounted my trusty mule, and rode into Los Angeles in twelve hours, a distance of forty-five miles, pretty well for an animal that had just come off the deserts.

Immediately in the vicinity of Parowan, there are several mountains containing magnetic iron, which accounts for the great variation in that place.

Chapter 37.

Incidents of Travel and Adventure in the Far West

Journey to Los Angeles—Catholic Missions—Fields of Mustard—California Ladies—Morals of the People—Gamblers—Description of a "Hell"—Climate of Los Angeles—Delicious Fruit—California Wine—Don Manuel Domingues—Rancho—Menada—Breaking a Horse—Portraits of Domingues—Salt Lake—Asphaltum Lake—Hot Springs of San Juan de Campestrano—Analysis—Geological Examination—Remains of a Mastodon—Don Pio Pico—Ground Squirrels—Strychnine—Brothers Labatt—Their Example worthy to be Imitated.

Fields of Mustard

FROM San Bernandino to Los Angeles, a distance of forty-five miles, the road lay over one continuous field of wild mustard, covering the whole breadth of the valley of Los Angeles, and extending far up into the mountains; it was ripe at the time I travelled through. Millions of acres producing many thousands of bushels, annually go to waste. If coal is ever found in this country, a mustard mill could be profitably worked. At present there is no water power to turn a mill, or fuel to propel an engine for steam works.

Catholic Mission—Los Angeles.

To-day I met Mr. Hildreth, one of the brothers who commanded a large emigrant party, and whose unprovoked and fatal attack upon the Parvain Indians, near Fillmore, caused that tribe to murder Capt. Gunnison and officers, a description of which I have already given. Mr. Hildreth says that his brother (the commander), and himself had left camp to hunt, and when they returned they were informed of the unfortunate and premature attack of some of his people upon the Indians. It seems that a small number of Parvain Indians came into camp armed with bows and arrows, begging food and clothing at sundown. They were ordered out of camp, they refused. They were told if they gave up their bows and arrows they might remain, and one of the men used force to obtain the bow from an Indian. In the scuffle the American was wounded, whereupon without any further provocation, a number of rifles were discharged at the Indians, killing several, among whom was an old chief. Capt. Hildreth at once raised camp and proceeded on his journey for fear of the consequences. This fatal event would not have occurred if Capt. Hildreth had been in camp, and he lamented the occurrence.

The California ladies are generally brunettes; some of them with whom I became acquainted were most beautiful and accomplished. Bonnets are unknown. During the morning their magnificent tresses are allowed to hang at full length down their backs. I have seen suits of hair at least three feet long, waving gracefully around a wellformed neck. In the evening a great deal of care and pains are taken to curl and plait it. When they go out, a simple mantilla of black satin or silk, sometimes of colored silk, is gracefully thrown over their heads; they invariably carry a large fan. The most costly material is used for dresses, and the richest and most expensive shawls may be seen worn by the ladies in Los Angeles. Society is very select among the better classes, although there are but few American families residing there.

Alas! for the morals of the people at large; it was the usual salutation in the morning, "Well, how many murders were committed last night? "—"Only four—three Indians and a Mexican." Sometimes three, often two, but almost every night while I was there, one murder, at least, was committed. It became dangerous to walk abroad after night. A large number of American gamblers frequented

the principal hotels, and induced the Californians to risk their money at all the famous games of monte, roulette, poker, faro, etc.

When I arrived at San Francisco, I had the curiosity to enter one of the frequented "hells," to see the process of winning and losing money. The building selected by the gentleman who accompanied me, was a celebrated one in Clay street. An orchestra of thirty-five musicians, were performing fashionable operatic airs; following the sound, we were introduced into the saloon, which was brilliantly illuminated; it was truly an imposing sight. There must have been over fifty tables, at which presided most beautiful women, dealing out cards, or whirling around a roulette table; at some might have been seen old gentlemen with white hair, to all appearance respectable, and whose proper place seemed to me, to be a magistrate's bench, or a judge's forum. Few or no words are spoken at the table; men silently place their gold on a card, and before a second expires, it is swept away; once out of many times, it is doubled by the player; it remains and he wins: a second time fortune favors, it doubles again; the insatiate vice of selfishness, not satisfied with eight times what he originally staked, leaves his pile, building castles in the air with the imaginary proceeds of his winnings-when in the twinkle of an eye, a gentle sweep from the smiling syren, dissipates his dreams of fortune, and he retires from the hell penniless in reality. Hundreds of men who have acquired by hard work and industry, a little fortune at the mines, and come to town to purchase a bill of exchange to send to their families, are induced to visit one of these places, and in an hour he has lost the labor of months, leaving his family anxiously awaiting remittances which they are doomed never to receive.

These native Californians have been known to borrow money at the enormous rate of six per cent. a month, compound interest, and give their ranchos as collaterals, on purpose to gamble with; many who once were rich, are now reduced to beggary from this cause; the compound interest accumulating so fast, that unable to meet it, the mortgage is foreclosed, and a valuable property sacrificed to the usurious practices of those who call themselves men, for one twentieth part of its real value.

The climate is delightful. The pine-apple, grapes, figs and oranges of the tropics, grow alongside of the pears, peaches and apples, of the temperate regions. The most delicious grapes I ever tasted, are cultivated in large quantities in Los Angeles. Hundreds of tons are annually shipped to San Francisco; peaches, delicious pears, etc., and, in fact, the fruit is cultivated purposely to ship. It yields a good profit and a large income. The vineyards are set out in drills six feet apart, each vine is trained to an upright position supported by rods, until they acquire age. The usual price for grapes was three dollars a hundred pounds as they are on the vines, to be plucked and boxed at the expense of the purchaser, other fruit is also sold by the pound on the tree. Many proprietors have permanent engagements with San Francisco merchants, to sell annually the produce of their vineyards and orchards.

Wine of a superior kind is made in Los Angeles, it is white and dry like the Hockhiemer or Rhenish. A superior article is worth twenty-five dollars for eighteen gallons.

Don Manuel Domingues, a noble specimen of a Spanish gentleman, owns a very large tract of land in Los Angeles county. The San Gabriel, and Los Angeles Rivers run through it, making the property very valuable. It adjoins the large rancho of Mr. Stearns. It was confirmed by the United States government during my short residence at his hospitable mansion, and I painted a large portrait of him to celebrate the event, with the letters patent of his property in his hand. I was prostrated at this gentleman's house by a severe attack of brain fever, superinduced by exposure in travelling over the hot deserts of sand, between Salt Lake and San Bernandino. His good, kind-hearted wife, Donna Gracia, paid me all the attentions and devotion of a mother. For ten days I was delirious, during that time she hardly left my bedside. Doctor Brinkerhoff who resided with them, volunteered his medical advice. To their combined skill and

care I owe my final recovery.

I was taken ill the very day I got out to their rancho. If I had been ill in Los Angeles, where I had been residing previously, I should have died for want of attentions which money could not have procured.

I also painted the portraits of Donna Gracia, and one of her daughters.

Don Manuel has several brothers, living at short distances from each other; they have all large families of grown sons and daughters, who meet alternately at each other's houses, when music and dancing is indulged in with unalloyed pleasure. Young gentlemen from town often drive out to spend an evening, and the four weeks I spent there, speaking Spanish and dancing with the beautiful senoritas, conduced much to restore me to the habits of civilized life, which a voyage of nine months, across the continent had almost made me forget.

Don Manuel has an immense number of oxen, sheep and horses. His menada is said to contain the finest riding animals in California; and it is only by great persuasion that he will sell a choice horse. While I was there, I saw the process of breaking a horse to the saddle. A native Californian lassoes the animal he intends to break, and brings him out of the menada. One end of the lasso he ties around the nose of the horse; a blanket is strapped on his back by a strong surcingle; he then jumps on him, and introducing his knees under the surcingle, he is now firmly seated. On his feet are immense spurs; he touches the horse with them, and off he bounds with the speed of the wind, his rider guiding him with perfect ease. Now he plunges—see him rearing! but his master is on him, and his efforts to dismount him are unavailing. After he is exercised in this manner for an hour, he is turned into pasture, picketed, and not suffered to run with the menada afterwards.

The mares are of comparatively little worth; they are never used as beasts of burthen, or for riding; they are kept for breeding purposes. I have seen a magnificent animal sell for forty dollars, while geldings, not superior in quality, brought two hundred dollars.

On this rancho, towards San Pedro, is a salt lake, which was being worked by a company of gentlemen. The salt is of superior quality, and brings a good price in Los Angeles.

On this same place, near the shores of the Pacific Ocean, there is a lake of bitumen or asphaltum, used almost altogether in Los Angeles, as covering for the roofs of houses. In winter it does very well, but the dropping of hot pitch from the eaves of the houses in hot weather, is not agreeable. Large quantities of it are, in consequence, on the side-walks, which, in warm weather, acts like bird-lime; for if you meet a friend, and stop accidentally on it, there you both are fixed for the moment. Gentlemen's clothing is frequently spoiled by this material. It is highly inflammable; an excellent gas might be obtained from it. I have seen it used on steamboats, to get up steam quickly.

The mission of San Juan de Campestrano is not far from this rancho. Near it are the celebrated hot springs of that name.

These hot springs of San Juan de Campestrano excel all others in the neighborhood (and there are many), in regard to their medicinal virtues, both from their chemical combinations and the results obtained by their healing qualities in all those diseases for which the

chalybeates are reported to cure.

In making geological examinations on Domingues' land, I had the curiosity to dig into a mound of earth raised up several feet from the surface, and not fifty yards from the dwelling-house. I found several pieces of large size petrified bone, too colossal for horses or oxen. Procuring a pick-axe, I penetrated further, and was gratified in exhuming portions of a mastodon. I collected four perfect teeth; the largest weighed six pounds. I destroyed several with my axe, before I realized their value. Portions of the tibia I also got out perfect. These interesting antediluvian relies I took with me to Los Angeles, where I met Mr. Trask, the State geologist of California. At his request I presented two specimens of the teeth to the State Geological Society, the rest Mr. Trask took charge of for me, to deliver in California. I have never seen a report of my present to the society, and when I met Mr. Trask at San Francisco, they had not yet been shipped from Los Angeles. I regret very much that I allowed them to leave my own possession, as I promised one of the teeth to Col. Fremont, and, in consequence, have not been able to fulfill it.

These huge animals are granivorous, and must have consumed trees on the mountains; around Los Angeles there is no sign of a tree, and on the vast plains in the centre of which I found these petrified remains, there is nothing but short grass and mustard. Query, how came the mastodon in the place I found it? did it die there? or was it washed down from the mountains? I leave this interesting investigation to more scientific minds.

At Los Angeles, I painted the portraits of the ex-governor, Don Pio Pico, and several other gentlemen.

The whole country of Southern California, especially in Los Angeles county, is infested with millions of ground squirrels, which destroy vegetation, and are great nuisances to farmers, as well as to the community; they domesticate themselves in houses, and I have seen them jump on the dinner-table, overturning tumblers, etc. The country is overrun with them; various methods have been suggested to destroy them, but without effect; the most successful, however, is strychnine—large quantities of which are imported into California, for this express purpose. This virulent and active poison, for this reason, becomes an important article of trade.

These squirrels form the principal food of the numerous bands of degraded Indians, who live near the settlements.

To the brothers Samuel and Joseph Labatt, merchants of Los Angeles, I am indebted for many acts of kindness; men who anticipate the necessities of their fellowman, and spontaneously offer *money advances* to a perfect stranger, I have not often met with, "but when found, I make a note of it."