

The Volcano of Mauna Loa.

A traveler who made a recent visit to the volcano known as the Mauna Loa, in the Sandwich Islands, gives the following account of the wonder of the world:

"Mauna Loa is about 14,000 feet in perpendicular height. It presents the appearance of an immense smooth dome, and scientific men suppose it to be nearly a hollow cone, disengaged by volcanic fires and subterranean gases and liable to cave in at any moment by the action of an earthquake. It possesses many craters at different elevations, and new ones are continually opening. Its terminal crater, about $\frac{1}{2}$ miles in length and one in width, has always been more or less active, but the lava was never known to overflow till the fearful eruptions of the summer of 1822. Twenty years previous there was a great eruption from a crater on the side of Mauna Loa about 10,000 feet above the sea level. A column of lava was spented 500 feet in the air, and formed a molten river a mile wide, which, in its devastating course filled several ravines from 200 to 300 feet in depth. From another of the side-craters a terrible discharge occurred in 1855, destroying with lava streams an area of 300 square miles. The most violent eruption known took place in January, 1859, and continued for ten months, destroying a village and creating a lava stream 40 miles long and 6 miles wide.

"The most remarkable of the craters of Mauna Loa is Kilauea, situated on a plain 3,970 feet above sea level. It is the largest active crater in the world, being 9 miles in circumference and 1,400 feet deep. The inside is rimmed with cooled lava, called the Black Ledge, 300 to 2,000 feet wide and 1,000 feet deep. The centre was formerly a surging sea of fire, with fountains of crimson lava, hounding with a cloud which was silver by day and red by night. During the day the bottom looks like a heap of smouldering ruins, but at night it shows two immense pools of cherry-red liquid, in a state of ebullition which illuminates the whole vast expanse, and flows in all directions, like water; and there are numerous conical craters continually throwing out stones, ashes, lava, smoke and flame.

"In the crater, after walking about for some time almost blinded and suffocated with sulphurous steam in operation, in a hole two feet in diameter the red hot lava was seen boiling and bubbling like water in a kettle over a quick fire. Every now and then the lava would be thrown 2 or 3 feet in the air. Then it would simmer down and seem to wait for new vigor again to spout forth in a beautiful yellow obscure stream. We approached within 4 feet of this lava fountain, much to the astonishment as well as anxiety of the guides, and doubtless to our own risk, but when one is fairly down a crater curiosity casts out fear. That night we witnessed a terrific eruption from this very vent hole, and it was by no means reassuring to see lava spouted 30 feet high and the flames blown in every direction over the spots we had occupied in the morning."

HAPPY HUSBANDS.—It is a man's own fault if he is unhappy with his wife, in nine cases out of ten. It is a very exceptional woman who will not be all she can to an attentive husband, and a more exceptional one who will not be very disagreeable if she finds herself wilfully neglected. It would be very easy to hate a man who, having bound a woman to him, made no effort to make her happy—hard not to love one who was constant and tender, and when a woman loves, she always strives to please. The great men of this world have often been wracked in their domestic relations, while mean and common men have been exceedingly happy. The reason is very plain. Absorbed in themselves, those who desired the world's applause were careless of the little world at home; while those who had none of this egotism strove to keep the hearts that were their own, and were happy in their tenderness. No woman will love a man the better for being renowned or prominent. Though he be first among men, she will only be prouder, not fonder; and if she loses him through this renown, as is often the case, she will then even be proud. But give her love, appreciation and kindness and there is no sacrifice she would not make for his content and comfit. The man who loves her well is her hero and her king—no less a hero to her, though he is no one to any other; no less a king though his only kingdom is her heart and home.

A WONDER IN GLASS-MAKING.—An enormous glass cylindrical shade or cover for a statue, which is to be exhibited at the Centennial, was recently made in Somerville, Mass. It was made by the following process: A long hollow iron tube was inserted into the pot of molten glass, and by careful manipulation about seventy-five lbs. of the latter was caused to adhere to the tube. This was then taken to a wooden mould of semi-circular form, in which it was rolled a few times by three men, and thus brought to a white heat. It was then taken to a wooden cylinder placed beneath the floor of the factory; and after it was placed therein, the work of fashioning the cylinder to its proper proportion was begun, which was done by blowing through the iron tube and into the body of the glass; while at the same time two men raised and lowered the glowing cylinder gently but quickly until it came forth finished, and measured five feet in height and seventy-four inches in circumference.

A LUMP of crude iron was recently rolled into a leaf so thin that four square inches only weighed one grain.

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