

# MT. WHITNEY MOUNTAINS

HIGHEST PEAK IN UNITED STATES IS MT. WHITNEY.

Alpinists Take the Altitude of this Mountain, which is 14,522 feet above the sea—Mt. Shasta and highest, 14,444 feet—Carnegie Will Build Observatory on Mt. Whitney.

There are many very lofty snow peaks on the Pacific coast, prominent among which may be mentioned Mt. Shasta, Hood, Rainier, Baker, Adams, St. Helens, Jefferson and Mt. Mount Whitney, located in the heart of the mighty Sierra Nevada mountains, in Kern county, California, enjoys the distinction of being the highest snow peak in the United States.

Very recently the exact altitude of this mountain was ascertained by two scientific gentlemen—Professor McAuley and Joseph LeConte, of the University of California. Their experiments were made, and the exact altitude of this mighty mountain accurately determined—14,522 feet above tide water.

As fact settles one important question—that Mount Whitney is the loftiest peak in the United States. Of the other peaks, Mount St. Elias and Mount Rainier are excepted, these two being located far in the north, and they do not belong to the United States. The next highest peak is Mount Shasta, located in the northern part of California, to be 14,440 feet. The third in altitude is Mount Rainier in the state of Washington—14,444 feet above the level.

Only of recent years has Mount Whitney been ascended. The ascent was attended with much hardship and peril. Recently the peak was ascended by the famous "Sierra Club" of Mountain Climbers of San Francisco, California.

On the round trip, which consumed several weeks, was made without any accident. Among the large party were a number of ladies, and despite the long and terrible climb, they enjoyed the trip very well.

The photographs taken show McAuley and LeConte just in the act of measuring the altitude of this grand snow peak. After completing the measurement of the peak's height, they hung to the frozen air "Old Boy," in honor of the fact that the true height of the vast mountain had been determined; and that the fact that Mount Whitney is the loftiest peak in the United States had

been vindicated. It was the first time that the Stars and Stripes were unfurled from the highest point in North America.

Very recently a letter was received in San Francisco from Mr. George E. Hale of Chicago, secretary of the commission of observatories, stating that a Carnegie observatory will soon be built on the crest of Mount Whitney.

This building is to be 103 feet long and 30 feet wide, with a porch extending around it. It will be constructed of granite, and all of the equipments are to be of the latest and most modern type. Such an observatory will be of great service and importance to scientific experiments.

From the summit of Mount Whitney the view is one of incomparable grandeur and beauty, and the glories revealed by the vast panorama will live in memory during a lifetime.—Pacific Monthly for May.



Olive M. Roe

"Miss Screecher comes from a musical family."

"Is that so?"

"Yes. Her father is a drummer and her brother is a tutor."

Aunt Sally (from the west)—Waldo, would you like to take a ride on the choo choo cars with me?

Waldo Brownbeans (of Boston)—Why, certainly, my dear aunt, if there be such a method of locomotion. Doubtless it would be extremely interesting. I had hitherto presumed that the old methods of steam conveyance were still in vogue.—Chicago News.

# WONDERS OF THE IRRIGATION AGE

Secretary Hitchcock has set aside from the irrigation fund the sum of \$1,000,000 to begin building the Pathfinder dam in Central Wyoming. The dam at the junction of the Yellowstone and Sweetwater rivers is the first to be begun under the new arrangement for irrigation by the United States government—a system which will work astounding changes in the aspect and wealth of the country.

The new dam will furnish water enough to irrigate 250,000 acres of land at a cost of \$10 per acre. As irrigated land is suitable for concentrated farming, this area will support 125,000 persons, though not nearly so many will at first find homes upon it. This single fertile belt along a single stream will therefore support more people than there are today in all Wyoming.

Irrigation means closely set communities. These mean again that farm life will not be lonely; that good schools and churches and splendid roads can be made by the settlers, enhancing the comforts of rural life. Fruits and vegetables will abound on irrigated land. The desert will blossom as the rose. Irrigated land in one place will be used under the law to begin other projects, so that the construction of irrigating works will increase at a constantly accelerating pace.

There are half a billion acres of public lands remaining unclaimed, exclusive of Alaska. Very much of this domain is utilizable through irrigation. Besides, there are vast areas of private land available for agriculture of higher productiveness through water supply by the government. With irrigation there is almost no limit to the capacity of the United States to feed its own people and spare grain for the world. Two hundred millions can live in the Missouri Purchase alone.

The next great problem is to get the people on the land—as Commander Booth-Tucker, of the Salvation Army put it, to fit the landless man to the manless land.

The late Mark Hanna was greatly

interested in a bill advocated by Mr. Booth-Tucker to establish a department of colonization, and provide an initial fund of \$50,000,000 to advance to actual settlers upon irrigated land. The experience of the Salvation Army in Colorado seems to show that poor men who have conclusively failed to make in the cities a decent living for their families have succeeded in gaining independence upon the farm colonies of Colorado. What these can do others can do.

Paternal government with a vengeance—for the United States to establish settlers in the West? Perhaps, but not more paternal than the homestead act. Mr. Booth-Tucker points out that the government would risk nothing in advancing money to settlers, as the partial payment they would make in return would not only replace the principal but repay interest at the rate of 6 per cent. Thus this fund, like the irrigation money, would constantly increase and constantly, as repaid, be available in part for use in new localities.

Another phase of irrigation is of tremendous importance to the lower Mississippi valley—its effect upon floods.

The Pathfinder dam alone will impound the flood waters of 400 miles of the Yellowstone and 300 miles of the Sweetwater river, with their tributary mountain streams. The silt will not get a chance to roll down into the Mississippi valley and raise the river bottom. The water will be restrained from joining the great June floods.

Other reservoirs upon other headwaters will have the same effect.

What might happen in the Mississippi valley if the levee policy were to continue indefinitely without aid from reservoirs is shown by the destructive floods of the Hoangho in China, whose broken levee less than 20 years ago devastated whole provinces and actually drowned 7,000,000 people.

The Hoangho is a river in the air; the Mississippi is becoming one. Headwater reservoirs alone can restrain it.—New York World.

### Spain Reduces Wheat Duty.

The duty on wheat has been reduced from 8 pesetas to 6 pesetas per 100 kilograms (\$1.544 to \$1.158 per 220 pounds), and on wheat flour from 13.20 pesetas to 10 pesetas per 100 kilograms (\$2.55 to \$1.93 per 220 pounds). The above reduction is to remain in force as long as the price of wheat exceeds 27 pesetas per 100 kilograms (\$5.31 per 220 pounds) in the markets of Castile, taking for the quotations the markets of Valladolid, Salamanca, Zamora and Burgos.—R. M. Bartleman, consul, Cadiz, Spain, March 19, 1904.

### When the Sap Rises

Weak lungs should be careful. Coughs and colds are dangerous then. One Minute Cough Cure cures coughs and colds and gives strength to the lungs. Mrs. G. E. Fenner of Marion, Ind., says: "I suffered with a cough until I run down in weight from 148 to 92 pounds. I tried a number of remedies to no avail until I used One Minute Cough Cure. Four bottles of this wonderful remedy cured me entirely of the cough, strengthened my lungs and restored me to my normal weight, health and strength." Sold by Tallman & Co.

## Closing-Out Sale

OF

# Trotting-Bred Horses

HAVING DECIDED TO DEVOTE MY ATTENTION TO MINING, I WILL ON SATURDAY, JUNE 4, AT THE OREGON FEED YARD, PENDLETON, ORE., OFFER FOR SALE AT PUBLIC AUCTION, THE FOLLOWING HORSES. TERMS CASH. C. L. COX.

**BELLE SPOTSWOOD** — Bay mare (14) weight 1200, with best Alton B colt yet foaled in Umatilla county, by side, by Albicore. Rec. 2:27½ trotting, by Alwood, by Almont 33. Dam by Bellefounder.

Dam—Belle Morgan, a high-classed mare of Hambletonian and Morgan breeding.

**LITTLE MARGARET** — Bay mare (11) weight 1100, with a fine Westfield colt by side, by Albicore; dam, Mag., by Tamlaine, a Lumoux horse; 2d dam, a Morgan mare.

**FITZ LEE** — Bay gelding (6) weight 1250, by Westfield. Dam, Belle Spotswood; 2d dam Belle Morgan.

**BAY GELDING (3)** — Full brother to Fitz Lee.

**BAY GELDING (3) AND BAY FILLY (2)**—By Westfield. Dam, Little Margaret.

**BAY FILLY (3) AND BAY COLT (2)**—By Hassaloe, by Westfield; dam, Alta, by Altemont. Dam, Belle Westfield, by Westfield; 2d dam Belle Spotswood; 3d dam, Belle Morgan.

**BAY COLT (1)** — By Caution, by Electioneer.

Dam, Belle Westfield, by Westfield; 2d dam Belle Spotswood, by Albicore, by Almont 33; dam by Bellefounder; 3d dam Belle Morgan.

**LEGAL BLANKS** Write the East Oregonian for a free catalogue of them. A full supply always kept in stock.

# THE REMOVAL SALE

At the Owl Tea House starts Saturday morning at 9 o'clock

AFTER HAVING CLOSED OUR STORE FOR THREE DAYS TO MARK DOWN GOODS, OUR DOORS WILL BE THROWN OPEN TO THE PUBLIC SATURDAY MORNING, GLASSWARE, CHINAWARE, CUT GLASS, CROCKERY AND NOTIONS ALL GO AT THIS SALE.

WE HAVE GOT TO MOVE AND WANT YOU TO COME AND HELP US BY TAKING THE GOODS TO YOUR HOME AT UNHEARD OF LOW PRICES.

EVERY ARTICLE IN OUR STORE MUST BE SOLD WITHOUT DELAY. NOTHING RESERVED. YOU WILL PROFIT BY THE POSITION WE ARE IN.

WE HAVE SLAUGHTERED THE PRICE ALL THE WAY DOWN THE LINE ON OUR LARGE AND WELL-KEPT STOCK. SO THAT YOU CAN'T AFFORD TO LET OPPORTUNITY GO BY.

COME IN EARLY AND LEARN WHAT A GREAT SAVING YOU CAN MAKE AT THIS SALE. OUR LOSS IS YOUR GAIN. WE HAVE GOT TO VACATE THE ROOM AND AS OUR LINE OF GOODS IS PARTICULARLY SUBJECT TO MUCH DAMAGE IN BEING MOVED, THEREFORE WE WILL MAKE IT A BIG OBJECT TO YOU TO BUY.

ALL GOODS ARE MARKED IN PLAIN FIGURES, SO YOU CAN SELECT WHAT YOU WANT AND SEE WHAT IT WOULD COST YOU. FIRST COME FIRST SERVED.

# The OWL TEA HOUSE

Court Street

Great Sacrifice Sale starts Saturday morning at 9 o'clock