

# Mines and Mining.

## ROUTE TO THUNDER

FRED HOLCOMB SAYS THE ONE VIA SALMON IS BEST.

## CAME OUT ON SNOW SHOES

Will Return in February With Supplies—Distance From Salmon About 139 Miles — Wagon Road of 50 Miles.

Fred Holcomb came out from Thunder Mountain last week, arriving in Salmon on the 24th, says the Lemhi Herald. He found the trail very good, having only one day of hard snowshoeing. He says things have settled down to business basis there for the winter, and that travel in and out by every other trail is suspended. He will go back in February with a pack of supplies. Mr. Holcomb has always outfitted at Salmon for his Thunder Mountain enterprises. He says there is no question that the Salmon City entrance is the best one to that country. When asked if he could go into that country in February he replied that there is no doubt of it. He says he can go in at any season of the year.

The route he takes makes the journey 10 miles from Salmon. Of this distance a wagon road is built for 50 miles to Singiser. The course of the trail from that camp is as follows: To Three Forks of Camas creek; thence to the head of Cache creek, and down the stream to the mouth of Loon. Crossing the Middle Fork above the mouth of Loon, the trail goes up White's creek and down Trail creek to Marble creek, thence to Thunder Mountain.

### Needs a Bridge.

Mr. Holcomb says the pressing need of this route is a pack-bridge across Middle Fork, which would cost probably \$500. The bridge ought to be built this winter, in which event travel by this route will be easy at least a month ahead of the other routes. Speaking of a proposed wagon road, from this place, Mr. Holcomb is enthusiastic. He says the road can be put through in 139 miles and kept open the year around. Of this distance about 89 miles of road and a bridge of the Middle Fork will have to be built. Of the road, however, only about 24 miles

would require grading, being in canyons and rough places. Ten miles on Camas creek, eight miles on Middle Fork and about six miles on Marble creek would have to be graded.

### Route Described.

The proposed route is: Singiser to Three Forks, eight miles; thence to the mouth of Camas, 20 miles; thence up the east bank of the Middle Fork 18 miles to the mouth of Loon. Here cross to west bank of Middle Fork, and ascend 18 miles to the mouth of Marble creek; thence 25 miles up Marble creek to Thunder Mountain.

Mr. Holcomb built the trail up Marble creek, and knows all about that country. He holds valuable claims adjoining the Dewey property.

### CALUMET DIVIDEND.

It Is \$5 Less Than the One Declared in October.

Boston, Jan. 4.—The directors of the Calumet & Hecla Mining company have declared a dividend of \$10 a share, payable Wednesday, January 29, to stock of record Tuesday, December 31.

The dividend of \$10 per share declared by the directors of the Calumet & Hecla represents a reduction of \$5 as compared with that paid October 31 last. The current dividend represents a distribution of \$1,000,000, and brings total disbursements up to \$78,250,000. Dividends declared during the past year aggregated \$55, as compared with \$70 in 1900, \$100 in 1899, \$50 in 1898, \$40 in 1897, \$25 in 1896 and \$20 in 1895.

### IRON ORE DISCOVERED.

Vast Bodies of Ore Have Been Found in Cumberland, England.

(By Associated Press.)

London, Jan. 4.—Some big firms in the north of England, in order to meet the threatened invasion of this country by American iron and steel goods, have been lately devoting time, trouble and money in the search for new beds of a high quality of iron ore near the already existing collieries. The northern countries are full of coal, but up to the present time many of the largest iron works have had to depend largely on Spanish and other extraneous supplies of iron ore.

That will, however, no longer be the case should the discoveries reported in Cumberland and elsewhere prove authentic.

Vast beds of excellent hematite are said to have been already tapped in more than one locality, and the quick success of these tentative efforts are expected to stimulate the search further.

## NOTED MINING MAN

CLARENCE KING SUCCUMBS TO THE INEVITABLE.

## EXAMINED MINES IN BUTTE

Testified as an Expert at the Trial of the Pennsylvania Case—A Mining Engineer and Geologist of Vast Experience.

Clarence King, one of the most eminent geologists and mining experts in the United States, died at Phoenix, Arizona, December 24.

Mr. King was in Butte during the trial of the Pennsylvania mine suit and for several months prior thereto and testified as an expert at the trial. Of him the New York Engineering and Mining Journal says:

Clarence King stood entirely alone in his world-wide reputation as a mining geologist, and as the pioneer in governmental work in this kind of geological exploration. Just as Hayden was the great master of general reconnaissance work over great areas of the West at a time when they were almost unknown, so King stands out beyond all other explorers for his more quantitative examination of the West's mineral deposits.

Clarence King was born in Newport, R. I., January 6, 1842. At 20 years of age he graduated from the Sheffield Scientific school, and the next year at the opening of the spring season he crossed the continent with James T. Gardiner, his college friend. They went with an emigrant train for the purpose of becoming well acquainted with the region west of the Missouri River. This was a four months' journey on horseback, in which Mr. King began the work which was his greatest contribution to geological science, that of applying an exact scientific training to the careful examination and complete study of each mineral deposit found.

### Joined Geological Survey.

In the autumn of 1863 he joined the California Geological Survey, under Prof. J. T. Whitney, with Prof. William H. Brewer in charge of the field work. In that year Brewer and King explored the Northern Sierras, especially the region about Mount Shasta, Cal., and during the winter months King joined in the examination of the Mariposa mines. In the following year he was actively engaged again with a party under Prof. Brewer, this time exploring the southern part of the Sierra Nevada. On this expedition King climbed and named Mount Whitney and Mount Tindall, and established Mount Whitney as the summit of the United States. It was in this work that his remarkable endurance and skill as a mountain climber was established. He climbed and named Mount Whitney and Mount Tindall. King and James T. Gardiner were again associated in a geological and topographical survey of the Yosemite Valley for the state of California, and during the winter they made an exploration of Arizona under the direction of General McDowell, in command of the department of Arizona. This work was interrupted by the hostility of the Apache Indians.

This exploratory work convinced King of the folly of attempting a proper scientific survey of the West without government aid, and during the winter of 1866 and 1867, he succeeded, through his personal influence and his persuasive enthusiasm, in securing the necessary authority and funds from congress for a scientific survey from the eastern slope of the Rocky Mountains to the Pacific ocean. He was placed in charge under General Humphreys of the army.

### Cross Sectioned Western America.

The next five years of his life were spent in the prosecution of the geological exploration of the 49th parallel, which resulted in a complete geological and topographical cross-section of the whole system of the cordillera of Western America. The publications resulting from this work of King and the band of distinguished mining geologists gathered by him, have become classics in mining geology. These reports contributed not only a vast amount of well arranged scientific facts, but established standards and methods of the highest order for the geological survey of the United States, which followed in its natural sequence, with Clarence King as its first director.

In the course of this long series of labors in the geology of the western part of the continent, King began a long series of laboratory experiments to determine the inter-action of primal constituents of the globe, under conditions of heat and pressure. The chemical and physical work required for these experiments was very costly and was not entirely completed at the time of King's death.

### Cultivated in Letters and Art.

In the later years of his life, Mr. King was most actively engaged in the development of the mineral deposits of the United States, in which he displayed the most remarkable physical vigor and activity. Mr. King traveled widely, was of varied cultivation in letters and in art, and a most alert and fascinating thinker, which made his success in inspiring and developing other scientific minds one of his greatest contributions to science. To these friends his countless manifestations of kindness of heart will make him deeply and tenderly mourned.

Mr. King was a member of the Metropolitan and Tuxedo clubs, the Yale Alumni and the Century associations and the American Geological Society. He was also a member of the National Academy of Sciences.

The list of his scientific contributions is entirely beyond enumeration in this notice and they will be presented later with a more extended account of his life.

### Kentucky's New Bar Association.

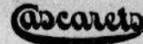
The organization of a bar association in Kentucky has astonished some good people. But if there is one state in the Union that is entitled to a bar association it is Kentucky.—Memphis Commercial-Appeal.

### Sewing Machine Trains.

"Gracious, how fast you're running!" remarked the dressmaker's lapboard. "You must be in a great hurry!" "I should say so," replied the sewing machine. "I've to make a train."

## Only Safe Medicine for Babies.

The insides of babes-in-arms and little children are very delicate and tender. Mothers must not be reckless in the use of physics. There is only one gentle, perfect, safe medicine for babies:



Best for the Bowels. All druggists, 10c, 25c, 50c. Never sold in bulk. Genuine tablet stamped C.C.C. Guaranteed to cure or your money back. Sample and booklet free. Address Sterling Remedy Co., Chicago or New York, Ill.

"Cascarets are fine for ladies with infants, as they keep both mother and child from becoming bilious. I use them daily in my practice."—Dr. A. E. Griffin, St. Paul, Minn. "I found Cascarets in the case of my baby who is not very strong, the very best medicine I ever used. They do just what you recommend."—Mrs. Lida Cermak, Jersey City. "I have become a firm believer in the efficacy of Cascarets. Even my baby boy likes them."—Mrs. Lida Cermak, Jersey City. "I think Cascarets splendid. They have benefited me greatly. My baby was afflicted with grip, and Cascarets afforded instant relief."—Mrs. Ella Ziegler, Delta, Ohio. "Mamma has used Cascarets and received great benefit. She thinks they are wonderful."—Alice Sewell, 61 Eighth St., So. Boston. "Our baby was sick and we were advised to try Cascarets. He was entirely cured. We cannot say too much in praise of Cascarets."—Mrs. Mollie Bowman, Metropolis, Ill. "Cascarets are indispensable for young children and always bring best results."—Henry Joyce, 17 St. West, S. D. "Cascarets work easy and without pain."—Mrs. K. Böttger, St. Louis, Mo. Mamma takes a CASCARET, baby gets the benefit. Isn't that good sense? The sweet, palatable Candy Cathartic Cascaret, eaten by the nursing mother, not only regulates her system and increases her flow of milk, but makes her milk mildly purgative. Baby gets the effect diluted and as part of its regular, natural food;—no violence—no danger—perfectly natural results. No more sour curds in baby's stomach, no more wind, colic, restless nights.

## LEFT THE SIDEWALK

BOLD, BAD BURGLARS TAKE ALL IN SIGHT.

## POOR SALOON MAN THE VICTIM

Sullivan's Place in Dublin Gulch Is Broken Into and Even the Coal in the Safe Is Taken by Greedy Robbers.

Bold, bad burglars did a daring thing yesterday morning in Dublin Gulch. The police and the owners of property in the section are now wondering how it happened that the roadway or fences were left behind.

The burglars lay in waiting at the P. S. Sullivan saloon until the proprietor went home and then took a coal pick and tore out the entire window and sash at the side of the saloon. The greedy prowlers then entered the saloon and removed demijohns containing whisky, rum, gin and wines, together with half a dozen cases of bottled goods and several boxes of cigars. There was no money to be found in the cash drawer, so the burglars began to take its best equivalent—these days of chill. They broke open the coal bin and began to load up the coal, but were evidently frightened away before the entire stock of semi-cash was secured.

Officers Henderson and Steinborn of the police flying squadron and the deputy sheriffs are engaged in looking for the stolen goods and the thieves.

## HE WAS OVERDUE

JIMMY LEONARD FINED FOR MISSING POLICE COURT.

## ABSENT TWO WEEKS' OVERTIME

Regular Patron of City Jail Shows Up Courteously Before Judge Boyle and Is Satisfied With Five.

"Well, well!" ejaculated Judge Boyle, as police court opened yesterday with but one drunk to face the majesty of the law. "And it's Jimmy Leonard who is before me this morning. Why, Jimmy, you're overdue by about two weeks. Where have you been all this time?"

Mr. Leonard, ancient, unclean and still under the influence of the stuff through which he daily risks the life of the serpent and the sting of the adder, hung his head in shame and sorrow.

"Want me own fault, judge, yure honor. Sure I didn't mean to get hurr now. I'll tell you how 'twas."

"Are you guilty or not guilty?" interrupted the matter-of-fact clerk.

"Well, I did—I did—did take one drink, judge, yure honor, but—"

"Defendant pleads guilty, your honor," broke in the phlegmatic clerk. "Fine him for being late in getting here."

"Guess I'll have to do it, Jimmy," said the court. "You're overdue, and you haven't those horses to feed. I'll make it \$5, Jimmy. Dig down in your pocket and see if you have a liver."

Mr. Leonard looked reproachfully at the man who has cared for him for years as jailer and judge, and then, slowly and sadly shaking his head, he turned his breath in the direction of the jail entrance and blew Court Officer Young out into the corridor.

"It's me fate," wailed the fallen Jimmy. "But," as he brightened up, "I had de glorious jag of me born days, and I'm satisfied wid de punishment. Good day, yure honor."

And Jimmy strolled down stairs to wait for dinner to be served.

## LIVING ON FATHER-IN-LAW.

Wouldn't Allow His Own Case to Form a Precedent.

Appropos of the recent marriage of an ensign in the navy a short time ago who did not have an overabundance of this world's goods, some of the veterans at the navy yard recall the story of Rear Admiral Kirkland, who was affectionately known to the navy as "Red Bill."

A young ensign hesitatingly found his way into the admiral's cabin one day, and with a great deal of circumlocution and coughing, finally let it be known that he loved the admiral's daughter, and would be the happiest man on earth if he had her parents' consent to marry her.

"I know I married when I was an ensign. My father-in-law supported me for several years, too, but I'll be hanged if yours will!"—New York Times.

DISSOLUTION NOTICE. This is to notify the public that the co-partnership heretofore existing between Smith & Saville is hereby dissolved by mutual consent. Smith collects all bills and assumes all indebtedness. Signed, EMERY SAVILLE.

NOTICE TO STOCKHOLDERS. The annual meeting of the stockholders of the Silver Bow National Bank of Butte City, will be held Tuesday, January 14, 1902, at 4 o'clock p. m., at the banking house of said bank, for the election of a board of directors for the ensuing year, and the transaction of such other business as may come before said meeting. FAYETTE HARRINGTON, Cashier. Butte, Montana, Dec. 14, 1901.

Special Distributing Agents for Jones' Dairy Farm Pure Pork Sausage Mild Cured Hams Special Cured B Bacon FERNDALL Superlative Canned Vegetables and Fruits, Salmon, Fruit Preserves, Etc Chesapeake Bay Soft Shell Crabs Green Turtles, Etc. Chase & Sanborn's Fresh Roasted Coffees P. J. Brophy & Co., 28 N. Main St.

A Happy, Prosperous New Year to All! Is our earnest wish, and let us help to make it so by selling you your Harness and Saddles for 1902 Happy, because of courteous, prompt service. Prosperous, because of good goods at the right price. J. N. NEVILLS & CO. Phone 686A 106 E. Park St.

PORTO RICO STOGIES \$1.50 per 100 Must be smoked at the city dump or in the alley Per 100 \$1.50 SWEND CARLSON, 4 South Main

The Connell Store White Vests Bartenders' White Pique Vests with removable buttons. All sizes including a full line of stouts. The kind that usually sell for \$3.00 Today \$1.50 Open Tonight Until 10 O'clock M.J. Connell Company

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DISFIGURING TEETH Can be remedied by a skilled dentist. For years I have been repairing teeth, making new teeth, and improving the facial expression of men and women by repairing their teeth or making them new teeth that imitated the natural so as to deceive their relatives and friends. DR. E. E. GERMAN 114 1/2 N. Main Butte, Mont.

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Reading Lamps Get a Portable Lamp Have light where you want it. Save your eyes. Cut down electric light bill. We have a new stock just in. Some very ornamental designs. Will make a suitable and useful Christmas Gift. Montana Electric Co. 53 East Broadway