MINING, BUSINESS AND STOCKS.

ACTIVITY IN GRAND CENTRAL.

Almost $20,000 Worth of Business Done on Exchange Today.

CON. MERCUR IN DEMAND.

South Swansea Drops—Star Con. Weakens—Lower Mammoth Not So Strong—May Day Firm.

TODAY'S METALS:
SILVER 63½
LEAD. $4.00
CASTING COPPER 15¼

Stocks were very much more active on the exchange today than they have been for several days past. Altogether more than 24,000 shares of stocks were sold for $19,760.12. Several stocks show a little weakness, but generally speaking prices were well sustained. Grand Central was in good form today, and advanced rapidly from $5.80 to $5.90 per share. Over 1,000 shares were sold, the last sale being made at $5.89.

Con. Mercur was unusually active. At the opening 750 shares changed hands at $4.80, but with the sale of a few hundred shares the stock afterwards weakened to $4.75. Ajax was also a little softer, being traded in as low as 52, while Lower Mammoth sold from 43 down to 40. May Day was firm between 30 and 31 cents per share.

Star Con. opened at 54¼ and sold down to 50½ with the sale of 5,500 shares. A slight advance was made, however, on the closing sales, the last sale being made at 52⅞.

South Swansea let go over 1,000 shares today at prices ranging between $1.19 and $1.15¾, while Utah climbed to 99 with the announcement of a 2-cent dividend.

Valeo was released at 15 at the outset. It closed stronger, however, with 17 bid.

Yankee Con. opened at 16¼ and closed at 16⅝. Some 1,000 shares changed hands. Boston & De Lamar brought 3-16.

The closing figures were posted as follows:

Stock.	Bid.	Asked.
Ajax	51½	52
Albion	40	75
Alice	40	
Boss Tweed	6½	12
Bunker Hill		1
Bullion-Beck	4.10	4.90
Boston and De Lamar	⅛	3-16
Ben Butler	¼	
Con. Mercur	4.71½	4.76
Centennial Eureka	19.00	
Daisy	1	2
Dalton & Lark	4½	7
Daly	19.65	19.85
Dexter	1.00	1.10
Dalton		6⅞
Eagle	¼	
Emerald	2	5
Eagle and Blue Bell	51½	55½
Four Aces	½	
Golden Eagle		1½
Galena	9½	15
Grand Central	5.90	5.98½
Merschel	⅛	10
Horn Silver	1.17½	1.40
Homestake	1	8
Ingot	3	
International		5
Joe Bowers	2	3⅛
Lower Mammoth	41	42
Little Pittsburg	⅝	¾
Mammoth	2.16½	
Manhattan		¼
Martha Washington	1	2½
May Day	29½	31½
Midnight Bowers		1
Northern Light	3¼	6
Nevada	1¾	
Ontario	5.50	
Petro	20	27
Richmond Anacenda	5	
Sacramento	34⅝	34⅞
Silver King	55.00	75.00
Sunbeam	35	40
Sunshine	10	18
Star Con.	52	53½
Swansea	3.91	4.05
South Swansea	1.15	1.15¾
Showers Con	10	15
Sea Swan	½	
Silver Cloud		6
Tetro	3	4¼
Tesora		30
Utah	89	92
Valeo	17	18¼
West Mountain Placer		6
Yankee Con.	16¼	16½

STOCK TRANSACTIONS.

Ajax, 300 @ 54; 200 @ 52¾; 1,000 @ 52.

Con. Mercur, 750 @ $4.80; 100 @ $4.82½; 200 @ $4.76; 100 @ $4.75.

Grand Central, 100 @ $5.80; 100 @ $5.82½; 700 @ $5.90; 100 @ $5.87; 100 @ $5.89.

Lower Mammoth, 200 @ 43; 100 @ 42; 100 @ 41¾; 200 @ 41; 100 @ 40½; 100 @ 40.

May Day, 500 @ 30¾; 100 @ 30½; 100 @ 30⅝.

Star Con., 100 @ 54¼; 100 @ 54; 500 @ 53¾; 100 @ 53½; 100 @ 53¼; 1,400 @ 53; 800 @ 52½; 400 @ 52; 600 @ 52¼; 400 @ 51½; 300 @ 50; 300 @ 51; 100 @ 50½; 300 @ 51; 100 @ 52⅝; 400 @ 52¾; 100 @ 52⅞.

South Swansea, 200 @ $1.19; 100 @ $1.18¾; 200 @ $1.18; 100 @ $1.18¼; 100 @ $1.17½; 200 @ $1.17; 100 @ $1.16; 100 @ $1.15¾.

Utah, 100 @ 99.

Valeo, 500 @ 15.

Boston & De Lamar, 1,000 @ 3-16.

Yankee Con. 4,000 @ 16¼; 3,500 @ 16½; 1,000 @ 16; 500 @ 16¼; 1,000 @ 16⅝.

Shares sold, 24,250.

Selling value, $19,760.12.

A Boon for Mothers.

Formerly children cried when they had to take medicine, now they cry for the medicine—Cascarets, the family laxative. All druggists, 10c, 25c, 50c.

The Salt Lake Mining Review is the only exclusive mining paper published in this intermountain country. Every one should subscribe; $2.50 a year.

JOB PRINTING AND BINDING.

The Job Printing, Bindery and Publication departments of the Deseret News now include all the type, machinery, presses and supplies of the combined plants of the News and Geo. Q. Cannon & Sons Co. Estimates furnished on contracts of any size. Rush orders a specialty.

The emergency bags sent by a church society to Kansas soldiers in the Philippines contained among the necessities a box of DeWitt's Witch Hazel Salve, the well known cure for piles, injuries and skin diseases. The ladies took care to obtain the original DeWitt's Witch Hazel's Salve knowing that all the counterfeits are worthless. F. C. Schramm.

DIVIDEND BY THE MAMMOTH.

The Directors Will Declare the Regular Amount Tomorrow.

MORE ORE IS GOING TO MILL

A Dividend by the Utah Mine—Indian Peak Country—Strike in the Eagle & Blue Bell.

President Samuel McIntyre of the Mammoth Mining company came in today from his ranch at Hallack, Nev., where he says about 4,000 tons of hay has been stacked for winter use. Mr. McIntyre stated today that the directors will meet as usual tomorrow and declare the regular dividend of 5 cents a share or $20,000 payable on November 1st. The payment of this sum will swell the total paid in dividends amount to $1,770,000. Of this total the sum of $440,000 has already been paid since Mr. McIntyre bought William McIntyre's interest about seventeen months ago.

The mine has not done quite as well this month owing to the fact that the ore is of somewhat lower grade, which necessitates more of it being sent to the mill. "The recent cave-in on the 700 level was very slight," said Mr. McIntyre, "and no damage has been done."

The decalration of this dividend will make the dividends due on November 1st from Utah mines, amount to $130,000.

Tomorow the Centennial Eureka will distribute its quarterly dividend of $50,000, making the total paid this month amount to $189,500.

EAGLE & BLUE BELL.

Encouraging News Reaches Town from the Tintic Youngster.

Encouraging news come from Tintic concerning the Eagle and Blue Bell company's property. After following the course of the ore body with varying success for many months, it is reported on excellent authority that a 7-foot body of $40 ore is now being opened up and extracted for shipment. The outlook is said to be very encouraging in view of the fact that for some time past the grade of ore found has only run from $20 to $25 per ton. The management is following a cross fissure in a southwesterly direction, which it is believed will open up something more permanent than anything found heretofore.

A UTAH DIVIDEND.

The Fish Springs Mine Re-enters the Dividend Column.

The directors of the Utah Mining company met yesterday afternoon and declared a dividend of $2,000 of 2 cents per share, payable on October 25th. During the past year the company has been out of the list of dividend payers. In that time, however, it has put down a new shaft and otherwise prepared for a steady output from the lower levels, which are now being opened up. With its high grade silver-lead ore the Utah should now experience no difficulty in paying a monthly dividend of 2 cents per share.

ADVANCE IN SILVER.

The White Metal Moves Up ⅝ of a Cent Today.

After a steady decline for a few days from the highest point reached this year, a reaction in the price of silver seems to have set in. After gaining ⅝ of a cent up to yesterday another movement is recorded today. This time it has jumped ⅝ of a cent, being quoted today at 63½. Regarding the fluctuations of the white metal the Boston News Bureau says: The exceptional absorption of gold by India during the past two years is apparently at an end, according to the London Statist. The Indian currency department now has no surplus silver coin which it is willing to sell for gold and has resumed purchases of silver. The people of India desire a silver currency, silver rupees are consequently necessary to make payments in India and, as the balance of trade in favor of India is large, it must be settled in the currency of the country—silver. India's purchases of silver will probably be nearly as large in the future as before the Indian mints were closed to the free coinage of silver. The prospects is for a continued higher price of silver.

INDIAN PEAK COUNTRY.

Albert Richter Makes a Report on the Mineral Conditions There.

In a report on the Indian Peak Mining company's property Albert Richter says:

"There are six claims in the group, consisting of the "Copper Queen," "Dandy," "Dude," "Maude," "Hardscrabble" and "Robbin," each 600x1,500 feet, lying contiguous to and adjoining each other, running in a general northerly and southerly direction, with true angles to the formation of the ore belt. The country rock, mineral-bearing, consists of a porphyrytic lime, running northwesterly and southeasterly, the mineral zone being about one-quarter of a mile wide and three miles long.

The workings on the claims of the company are for the main part perpendicular shafts, although there are some cuts and prospect tunnels on the different claims, each showing more or less mineral. The most important work done so far is that on the "Copper Queen," consisting of an open cut about 30 feet, and a perpendicular shaft of about 30 feet in depth, sunk on the vein.

The vein dips with the country rock at an angle of about 10 degrees, lying between porphyry And lime, the hanging wall being porphyry and the foot-wall lime. The ore between walls is about six feet in width, and the rich streak on the hanging-wall is about 26 inches—the latter being shipping ore.

The nearest shipping point is Modena, on the Utah & Pacific railroad, 30 miles south, with fair road nearly all the way. There is a spring of good water on the "Maude" claim, sufficient for culinary and concentrating purposes. On the "Robbin" claim there is an abundant growth of large pine timber, which can readily be sawed on the ground, and is available at a nominal figure for all mining purposes. It will therefore be seen that in these two important items of water and timber, the company is provided with unusual facilities."

Quit Claim Deed Recorded.

Provo, Oct. 19.—A quit claim deed from John Fisher of Salt Lake to L. C. Hickock of Salt Lake, has been recorded conveying an undivided three-sixteenths interest in the Healey mining claim, located on Miller hill, American Fork mining district, consideration $200.

Notice of location of the Hidden Treasure mining claim has been filed by David Crafts et al. The claim is situated in the Peepstone mining district.

MINING NOTES.

The Centennial Eureka had 13 cars of ore on the market today.

The Ophir Hill was on the market today with 7 cars of concentrates.

The Tayler-Brunton sampler reported 7 cars of ore from Stockton today.

C. B. Markland is in from Stockton and reports much activity in the camp.

Samples of ore from the Queen of Sheba property, Tooele county, show 66 per cent lead and 60 ounces silver per ton.

It is likely that a survey will be made by the Yankee Con. and May Day companies to determine the location of the ore body from which the Yankee Con. is taking ore.

SCIENTIFIC MISCELLANY.

In the century now closing, according to Prof. S. H. Vines, F. R. S., the number of recognized living species of plants has increased from the 10,000 of Linneus to 175,596, made up of 105,231 flowering plants, 3,352 ferns and fern allies, 7,650 mosses and mosa-like plants, and 59,263 fungi, lichens and algae. Prof. Saccardo estimates that the number of species existing is more than twice those yet known, or about 400,000. The growth in number of species has not been due to the discovery of any essentially new type of plants, and the only extension of the bounds of the vegetable kingdom has been through the annexation of groups formerly assigned to zoology. The bacteria, discovered 200 years ago, form the most notable of such groups, having been regarded as infusorian animals until their affinity with the fungi was recognized by Cohn in 1853.

Important as is our coal, its formation is not yet clearly understood. Considering the evidence furnished by long study, Mr. A. C. Seward, F. R. S., states that the microscope shows ordinary coal to contain spores, fragments of tissues, bacteria, and the ground substance of coal. The seams also include boulders and coal-balls. From this he infers that the seams are not the result of growth in one place, nor of drifting, but of the accumulation of vegetable debris derived chiefly from plants growing on the surface near the edges of large lakes and pools. The dead plants were carried outward by gentle currents, sinking over the entire water area.

Calcium carbide is suggested as a useful deoxidant in foundries. It is added to the metal before pouring, and its effect is increased by mixture with a metallic chloride. Aluminum bronze may be produced by gentle heating a mixture of alumina and copper chloride in contact with calcium carbide.

A serious fact for British stomachs is found by Major P. G. Craigie in the estimate that the United Kingdom's consumption of meat has risen from 100 pounds per head per annum 30 years ago to 132 pounds.

A curious property possessed by such living forms as amoebae, bacteria and infusoria is chemotaxis, or attraction or repulsion by various chemical substances. It may be illustrated by placing the end of a capillary tube of weak potassium chlorate in a drop of water containing any of the organisms, which at once collect at the mouth of the tube, and it doubtless serves to keep the creatures near food supplies, and appears to aid bacteria in such processes as suppuration. Perfecting an experiment made by Paalzow in 1858, Prof. Julius Bernstein, of Halle, has caused a drop of mercury to imitate in a very singular manner the movements of the living organisms. In a level-bottomed vessel of dilute nitric acid he placed a small mercury globule and laid a piece of bichromate of potash at a little distance away. When the circle of solution from the bichromate reached the drop, the latter started directly toward the crystal, reaching it in a few seconds. As the crystal receded the drop followed, continually changing its shape, and darting forth and withdrawing long tentalles in exact imitation of the movements of living amoebae. The motions of the mercury are explained as a result of lessening of surface tension on the side toward the chemical action, the experiment confirming the theory that chemotaxis in living forms is due to the same cause.

However weak their foundation, guesses at the age of the earth are always of absorbing interest. In a British association paper, Prof. W. J. Solas began geological history with the planet in a molten state, rotating in 2 to 4 hours about an axis inclined some 11 or 12 degrees to the ecliptic, and surrounded by a steam-charged atmosphere of great depth exerting a pressure of 5,000 pounds to the square inch. The pressure of this dense atmosphere had important effect in the forming of the crust. At this time Prof. Weichert has lately told us, molten iron, with a density of 8.2, filled the earth's center, and was surrounded by an outer envelope about 400 miles thick, consisting of silicates, such as we are familiar with in igneous rocks and meteorites, with a density of 3.2. In a great tidal wave at this critical period, the moon was thrown off, taking 27 miles in depth of this outer envelope. The earth probably solidified soon after this tremendous convulsion, its temperature being reduced to about 1170 degrees C., but still preventing the liquefying of the atmosphere of steam. With further cooling, the third critical stage was reached. Steam was condensed, the pressure being so great that condensation began at 370 degrees C., water filled the hollows, and the oceans were formed. Then the hot water, fresh at first, acted chemically on the silicates, becoming more and more charged with various salts, and the stratified rocks were deposited. From varying data, geologists and mathematicians have sought to fix the dates of certain epochs in years. Prof. G. H. Darwin's minimum estimate is that the moon was thrown off 56 millions of years ago; Lord Kelvin has placed the solidifying of the earth's crust at 20 to 40 millions of years ago; Prof. J. Joly's maximum estimate of the time since the oceans condensed is 80 to 90 millions of years. These figures differ widely, yet not more so than one should expect.

Honey dew has been a subject of recent investigations, which show it to be a sugary substance obtained from the juice of the trees—such as sycamore, ash and lime—on which it is found. The statements that honey dew is sometimes produced by other insects than aphides seems to be ill founded, as reports indicate that the insects noticed are prisoners that have been caught by the sticky honey dew.

The artificial ant-hills made by M. C. Janet for the Paris exposition, are of porous pink plaster covered with glass, and were modeled from a natural hill. They show several species, one with "slaves." Grating noises made by the ants are thought by M. Janet to constitute a kind of language, and the creatures' sense of hearing seems acute.

SUGAR WAS THE LEADER.

The Market Moved Upwards All Along the Line After the Opening.

Leather Was Most Active—Not Much Improvement in Railways, Though Some Advanced.

New York, Oct. 19.—Trade was active at the opening but there was a lack of large individual transactions, which have been a feature for several days past. The market moved upward after the opening under the leadership of sugar, Con. Gas, Metropolitan and leather, which rose 1@2 points. Leather was the most active and advanced steadily on heavy purchases. Some of the steel stocks and minor properties stiffened materially. Not much improvement was made in the active railways, in spite of a very active market. Prices were slightly under the best at 11 o'clock. The downward movement did not make much progress before a large demand arose for Norfolk & Western, the Atchisons and Brooklyn Transit. The last rose 1½ above yesterday's close. Other stocks advanced sympathetically, in some instances to the top figures. Chicago, Indianapolis & Louisville preferred rose 3 and National Salt recovered 2 points of its earlier loss of 3¾.

There was large profit taking during the last hour, but the strength in special stocks enabled the market to absorb the selling. Northern Pacific rose two full points and Southern Pacific came late with 1½. International paper lost 4¼. National Salt recovered its 3¾ decline. Anaconda rose 3½. Under realizing some of the steel stocks and other leading industrials were carried below last night. The closing was very active and irregular, but with substantial net gains remaining for the majority of stocks.

Bonds were generally firm, with especial activity in spots.

SUGAR.

Sugar—Raw steady; fair refining 4¾; centrifugal 96; test 4¾; molasses sugar 4. Refined quiet; crushed 6.15; powdered 5.85; granulated 5.75.

MONEY AND BONDS.

Money on call firm at 3¼ per cent.

Prime mercantile paper 5@6 per cent.

Sterling exchange easier with actual business in bankers bills at 4.84¼@½ for demand and 4.81¼@¼ for sixty days; posted rates 4.82@½ and 4.85½; commercial bills 4.80½@4.81.

Silver certificates 62½@64.

Bar silver 63½.

Mexican dollars 49⅝.

Government bonds firmer; refunding 2's reg. and coup. 1.04; 3's reg. 1.08¾; coup. 1.09¾; new 4's reg. 1.33¼; coupon 1.34¼; old 4's reg. and coup. 1.14¾; 5's reg. 1.12; coup. 1.13¼.

RAILROAD STOCKS.

Atchison, 40⅛; Brooklin Transit, 56½; B. & O., 73½; B. & O. preferred, 80½; C. B. & Q.; 127⅝; C. F. & I., 37¼; C. G. & W., 16½; C. & O., 30⅝; Con. Tob., 28⅛; People's Gas, 93; J. C., 126¾; L. C., 119; M. K. & T., preferred, 30⅝; L. & N., 79⅝; Leather, 11⅛; Leather preferred, 71; Manhattan, 93; Metropolitan Street railway, 156¾; Missouri Pacific, 53; Northern Pacific, 53¾; Northern Pacific preferred, 72¼; N. Y. C., 132½; Pennsylvania, 133⅝; Pacific Mail, 36; Rock Island, 108½; Reading, 17; Reading first preferred, 53⅝; Reading second preferred, 28; Southern Pacific, 35⅛; St. Paul, 114¾; Sugar, 120⅝; Tennessee Coal, 57; American Tobacco, 94½; Union Pacific, 61½; Union Pacific preferred, 75⅝; W. U., 80.

CHICAGO MARKETS.

PRODUCE.

Chicago, Oct. 19.—December wheat opened at 74⅝@½, dropped to 74⅛@⅝, rallied to 74⅝.

Close: Wheat—October 73¼; November 73⅝@¾; December 74⅝.

Corn—October 39¼; November 37½; December 35⅝.

Oats—October 21½; November 21⅝; December 22.

Pork—November 11.12½; January 11.40.

Lard—October 6.95; November 6.92½; January 6.65.

Ribs—October 6.90; November 6.25; January 6.00@6.02½.

Cash: Wheat—No. 2 red 73@76½; No. 3 red 70@74; No. 2 hard winter 68½@71½; No. 3 do, 67½@70½; No. 1 northern spring 73½@77½; No. 2 do, 73½@77½; No. 3 spring 67½@76.

Corn—No. 2 39½@40; No. 3 38¼@⅝.

Oats—No. 2 21¾@22; No. 3 21½@⅝.

Rye—49½.

Barley—39@57.

Timothy—4.40.

Flax—1.85.

LIVE STOCK.

Cattle—Receipts, 2,000. Generally steady to strong. Good to prime steers, 5.40@5.85; poor to medium, 4.40@5.35; stockers and feeders, 2.75@4.45; cows, 2.75@4.25; heifers, 2.75@4.60; canners, 2.00@2.65; bulls, 2.90@4.40; calves, 4.00@6.25; Texas fed steers, 4.00@4.90; grassers, 3.25@4.10; bulls, 2.15@3.25.

Hogs—Receipts, 21,000; tomorrow, 17,000; left over, 6,647. Stronger, top, 4.85. Mixed and butchers, 4.50@4.85; good to choice heavy, 4.55@4.82½; rough heavy, 4.40@4.50; light, 4.40@4.82½; bulk of sales, 4.60@4.75.

Sheep—Receipts 7,000. Steady; good to choice wethers, 3.85@4.20; fair to choice mixed, 3.40@3.90; western sheep, 3.70@4.20; Texas sheep, 2.50@3.50; native lambs, 4.25@5.75; western lambs, 4.75@5.50.

KANSAS CITY LIVE STOCK.

Kansas City, Mo., Oct. 19.—Cattle—Receipts, 5,000; steady; native steers, 4.00@6.30; Texas steers, 2.90@5.00; Texas cows, 2.35@3.85; native cows and heifers, 1.50@4.50; stockers and feeders, 2.50@4.60; bulls, 2.10@3.50; calves, 4.25@5.75.

Hogs—Receipts, 9,000. Steady. Bulk of sales, 4.60@4.65; heavy, 4.55@4.62½; packers, 4.62½@4.67½; mixed, 4.60@4.65; light, 4.50@4.67½; yorkers, 4.60@4.67½; pigs, 4.00@4.60.

Sheep—Receipts, 4,000. Steady; lambs, 3.75@5.25; muttons, 2.50@3.80.

Omaha, Neb., Oct. 19.—Cattle—Receipts 5,000; steady; native steers, 4.00@5.50; Texas steers, 2.90@5.00; Texas cows, 2.85@2.95; native cows and heifers, 1.50@4.50; stockers and feeders, 2.50@4.60; bulls, 2.10@3.50; calves, 4.25@5.75.

Hogs—Receipts, 9,000. Steady. Bulk of sales, 4.60@4.65; heavy, 4.55@4.62½; packers, 4.62½@4.67½; mixed, 4.60@4.65; light, 4.50@4.67½; yorkers, 4.60@4.67½; pigs, 4.00@4.60.

Sheep—Receipts, 4,000. Steady. Lambs 3.75@5.25; muttons, 2.50@3.80.

OMAHA LIVE STOCK.

Omaha, Neb., Oct. 19.—Cattle—Receipts, 1,000. Dull. Native steers, 4.50@5.25; western steers, 3.75@4.10; cows and heifers, 2.50@4.00; canners, 1.60@2.00; stockers and feeders, 2.50@4.00; calves, 4.00@6.00; bulls, stags, etc., 2.50@3.75.

Hogs—Receipts, 6,200. About steady. Heavy, 4.50@4.55; mixed, 4.50@4.55; light, 4.50@4.40; bulk of sales, 4.50@4.52½.

Sheep—Receipts, 11,000. Sheep strong, lambs 10 cents higher. Native muttons, 3.80@4.10; western muttons, 3.70@4.00; stock sheep, 3.65@3.80; lambs, 4.80@5.50.

DENVER LIVE STOCK.

Denver, Colo., Oct. 19.—Cattle—Receipts 1,000. Active and stronger. Beef steers, 3.50@5.00; cows, 2.75@3.75; feeders, freight paid to river, 3.00@4.20; stockers, do., 3.25@4.30; bulls, stags, etc., 2.00@3.00.

Hogs—Receipts 200. Weak. Light packers and mixed, 4.55@4.65; heavy, 4.60@4.65.

Sheep—Receipts 1,500. Steady and unchanged.

SAN FRANCISCO GRAIN.

San Francisco, Oct. 19.—Wheat—Dec., 97⅛ bid; May, 1.04⅛ bid; cash, 96¼.

Barley—No sales; cash, 72½.

ST. LOUIS WOOL MARKET.

St. Louis, Mo., Oct. 19.—Wool dull and unchanged.

LONDON WOOL AUCTION.

London, Oct. 18.—A large attendance was present at the wool auction sales today. The number of bales offered was 13,481. Merines were 5 per cent below the opening figures. The demand by the home trade was less keen, while that from the continent increased somewhat. Weakness was most pronounced in medium inferior greasy grades, secured also selling irregularly. Fine cross breds ruled slightly lower, and medium coarse and greasy goods fractionally higher. Parcels suitable for America were 5 per cent above the prices prevailing last July. Cape of Good Hope and Natal wools, with the exception of combing greasy, were 15 to 20 per cent below the July prices.

DeWitt's Little Early Risers are prompt, palatable, pleasant, powerful, purifying little pills. F. C. Schramm.

AUTUMN LEAVES.

Special excursion to Heber, Hot Pots, Provo Canyon, Sunday, October 21st. $2.00 round trip. Train at 7:50 a. m. R. G. W. Ry. Arrive on return 6.00 p. m. Utah's most picturesque ride through Provo canyon.

Poisonous toadstools resembling mushrooms have caused frequent deaths this year. Be sure to use only the genuine. Observe the same care when you ask for DeWitt's Witch Hazel Salve. There are poisonous counterfeits. DeWitt's is the only original Witch Hazel Salve. It is a safe and certain cure for piles and all skin diseases. F. C. Schramm.

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A DIVIDEND.

AT A MEETING OF THE DIRECTORS OF The Utah Mine, held Oct. 18, 1900, a dividend of two cents per share was declared upon the capital stock of the company, payable Oct. 25, 1900. The transfer books will be closed Oct. 23, and opened Oct. 26, 1900.

THOS. E. TAYLOR, Secretary.

PROBATE AND GUARDIANSHIP NOTICES.

Consult County Clerk or the respective signers for further information.

IN THE DISTRICT COURT, PROBATE Division, in and for Salt Lake County, State of Utah. In the matter of the estate of James Bell, deceased. Notice.—The petition of Franklin Bell praying for the admission to probate of a certain document purporting to be the last Will and Testament of James Bell, deceased, and for the granting of letters testamentary thereon has been set for hearing on Saturday the 3rd day of November, A. D. 1900, at 9:30 o'clock A. M. at the County Court House, in the Court Room of said Court, in Salt Lake City, Salt Lake County, Utah.

Witness the Clerk of said Court with the seal thereof affixed this 17th day of Oct., A. D. 1900.

[SEAL] DAVID C. DUNBAR, Clerk.

By ALBERT J. STARK, Deputy Clerk.

Stewart & Stewart, Attorneys.

ADVERTISEMENT.

DEMOCRATIC COUNTY TICKET.

For State Senators,
H. P. HENDERSON,
HENRY W. LAWRENCE,
D. O. RIDEOUT, JR.
For Representatives,
MRS. ELIZABETH M. COHEN,
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D. O. WILLEY, JR.
W. B. LAVEILLE,
JOSEPH C. HAYES,
JOSEPH S. HYDE,
JOHN A. MAYNES,
JAMES THOMPSON,
MAHONRI SPENCER,
JOHN HANSEN, JR.
For County Commissioners,
MARCELLUS S. WOOLLEY,
GEORGE A. WHITTAKER,
W. J. HORNE.
For Treasurer,
WILLIAM H. DALE.
For Sheriff,
C. H. NAYLOR.
For Auditor,
GEORGE H. WOOD.
For Clerk,
BEN T. LLOYD.
For Recorder,
THOMAS ALSTON.
For Attorney,
H. A. SMITH.
For Surveyor,
W. H. EVANS.
For Assessor,
JAMES E. LYNCH.

DEMOCRATIC JUDICIAL TICKET.
Third Judicial District.

For District Judges,
WILLIAM C. HALL,
Salt Lake County.
JOSEPH T. RICHARDS,
Salt Lake County.
SAMUEL W. STEWART,
Salt Lake County.
For District Attorney,
DAVID B. HEMPSTEAD,
Salt Lake County.

OREGON SHORT LINE RAILWAY

Time Table
In effect Sept. 6, 1900.

LEAVE SALT LAKE.

For Ogden, Cache Valley, Omaha, Chicago, Denver, Kansas City, St. Louis. 6:15 a. m.
**For Garfield Beach, Tooele and Terminus 7:45 a. m.
For Tintic, Mercur, Provo, Nephi and Manti 7:35 a. m.
For Ogden, Cache Valley, Butte, Portland, San Francisco and intermediate points 9:45 a. m.
For Ogden, Omaha, Chicago, Denver, St. Louis, San Francisco 12:30 p. m.
For Ogden, Denver, Kansas City, Omaha, St. Louis, Chicago 6:40 p. m.
*For Provo, Nephi, Milford and intermediate points 6:05 p. m.
For Ogden, Butte, Helena, Portland, San Francisco and intermediate points 10:50 p. m.

ARRIVE SALT LAKE.

From Ogden, Chicago, Omaha, St. Louis, Kansas City and Denver 6:30 a. m.
From Ogden, Portland, Butte, Helena, San Francisco 9:05 a. m.
*From Milford, Provo and intermediate points 9:35 a. m.
From Ogden, Chicago, St. Louis, Omaha, Denver, San Francisco 3:30 p. m.
**From Garfield Beach, Tooele and Terminus 4:00 p. m.
From Ogden, Logan, Brigham 5:55 p. m.
From Tintic, Mercur, Nephi 6:30 p. m.
From Ogden, Butte, Portland 8:10 p. m.
*Trains south of Lush do not run Sundays.
**Daily except Sunday.
City Ticket Office, 201 Main Street.
S. W. ECCLES, Gen. Traffic Manager. D. E. BURLEY, Gen. P. and T. A.
W. H. BANCROFT, Vice-President and Gen'l Manager.

Protective Policy
OF THE
UNION PACIFIC OVERLAND ROUTE
WORLD'S PICTORIAL LINE.

Is a universally recognized fact. Patrons of the "Great Overland Route" are assured that every device of human skill has been adopted to protect them against accident. Millions of dollars have been spent by the Union Pacific Railroad company in the improvement of track and equipment. The line is renowned for its unparalleled speed record, reliability for maintaining time schedule, and for the general superiority of its service.

All tickets good via Denver without extra charge.

Detailed information relative to railroad and steamship transportation cheerfully furnished on application to
F. B. CHOATE,
General Agent,
Salt Lake City, Utah.

THE OLD ROUTE GREAT SALT LAKE ROUTE WESTERN RAILWAY

CURRENT TIME TABLE.

LEAVE SALT LAKE CITY:

No. 6—For Grand Junction, Denver and the East 8 30 a m
No. 2—For Provo, Grand Junction and all points East 3 15 p m
No. 4—For Provo, Grand Junction and all points East 8 20 p m
No. 10—For Bingham, Lehi, Provo, Heber, Mt. Pleasant, Manti, Nephi and intermediate points 7 50 a m
No. 8—For Eureka, Payson, Heber, Provo and all intermediate points 5 00 p m
No. 5—For Ogden and the West 9 45 a m
No. 3—For Ogden and the West 11 00 p m
No. 1—For Ogden and the West 1 00 p m
No. 42—For Park City 8 00 a m

ARRIVE SALT LAKE CITY:

No. 5—From Provo, Grand Junction and the East 6 00 a m
No. 1—From Provo Grand Junction and the East 12 45 p m
No. 3—From Provo, Grand Junction and the East 10 10 p m
No. 9—From Provo, Heber, Bingham, Eureka, Mt. Pleasant, Manti and intermediate points 6 00 p m
No. 6—From Ogden and the West 8 20 a m
No. 2—From Ogden and the West 3 05 p m
No. 4—From Ogden and the West 8 10 p m
No. 7—From Eureka, Payson, Heber, Provo and intermediate points 10 00 a m
No. 41—From Park City 3 45 p m

PERFECT DINING CAR SERVICE.
Sleeping Cars to Chicago Without Change.
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DENVER & RIO GRANDE R. R.
"Scenic Line of the World,"
TIME CARD.
EFFECTIVE SEPTEMBER 28, 1900.

Lv Ogden	7:25 am	2:15 pm	7:15 pm
" Salt Lake	8:30 am	3:15 pm	8:20 pm
" Provo	9:43 am	4:16 pm	9:36 pm
Arv Grand Jct	6:25 pm	12:35 am	6:00 am
" Glenwood	9:08 pm	3:20 am	8:47 am
" Leadville	12:20 am	6:40 am	12:27 pm
" Cripple Crk	7:30 am	5:45 pm	.....
" Pueblo	3:43 am	11:55 am	5:22 pm
" Colo. Spgs.	7:00 am	1:16 pm	6:46 pm
" Denver	9:30 am	3:40 pm	9:15 pm

New and elegant dining cars on all through trains, service a la carte.

Through Pullman and family sleeping cars to Chicago.

Three personally conducted tourist or family weekly excursions to New York City and Boston via Chicago or St. Louis.

For rates, descriptive pamphlets and all information apply to any Ticket Agent or to
S. K. HOPPER, G. P. & T. A., Denver.
B. F. NEVINS, General Agent, Salt Lake City.
H. M. CUSHING, Trav. Pass. Agt.

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Salt Lake City, Utah.
H. C. TOWNSEND, G. P. and T. A. St. Louis, Mo.

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Best Dining Car Service.
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Chair Cars Free.
TWO FAST TRAINS DAILY.

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FASTER than any other route. "THE OVERLAND LIMITED," equipped with Palace Sleeping Cars, Buffet Smoking and Library Cars (with barber) and Dining Cars, meals "a la carte," LEAVES SALT LAKE CITY AT 12:30 p. m. DAILY. The Chicago Special leaves Salt Lake every evening at 6:40. First class equipment, including Free Reclining Chair Cars. The Atlantic Express leaves at 7:00 a. m. For tickets and reservations apply to ticket agents, or address C. A. Walker, Gen'l Agent Chicago & North-Western Ry., 206 S. Main St., Salt Lake City.

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The "Quiet" Train.

At first sight the Chicago Special does not impress you as an extraordinarily fine train.

Viewed from the depot platform it is no handsomer than half a dozen other trains that leave Denver daily.

Get aboard it, however, and its supremacy is at once apparent. Enter the buffet-smoking-library car—there's comfort in every nook and corner. Glance in the sleepers—"handsome" doesn't begin to describe them. The diner—ever seen as clean a car as this? And the chair cars—no dust on the seats; no litter on the floor; everything in perfect taste—everything as clean as a pin.

Leave Denver on the Chicago Special at 4 o'clock this afternoon and tomorrow morning you are in Omaha, St. Joseph or Kansas City; tomorrow evening in Chicago or St. Louis.

Thro' sleeper, Salt Lake to Omaha and Chicago daily.

Train for Black Hills leaves Denver 11:30 p. m.

Tickets at Offices of Connecting Lines.

Ticket Office, 79 West Second South St.
R. F. NESLEN, General Agent, Salt Lake City.

THE IMPERIAL LINE.

ILLINOIS CENTRAL RAILROAD
CENTRAL MISSISSIPPI VALLEY ROUTE

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ST. PAUL, MINNEAPOLIS.
DOUBLE DAILY SERVICE.

Wide vestibule equipment, "new throughout." Dining Cars, Free Chair Cars, Slee