EPOF

alt

ade s

DITIO

RAT

•••••

hurs

the I

IEF

een telle

# MINING, BUSINESS AND STOCKS.

Tonight.

Part of Great Copper Region

Looking Prosperous.

Several officials of the O. K. Exten-

Beaver county tonight to look over con-

ditions at that property. The party

will consist of A. J. McMullen, of this

city, Tim Farrell of Pocatello, and C.

S. Smith of Anaconda, Mont. While in camp Mr. McMullen, who is manager

of the Skylark group in the northern.

part of the Beaver Lake district, will

This portion of the great copper belt

is rapidly attracting attention and it is

difficult to see how the companies hold-

ing properties there are going to escape

opening up some big mines. There is a

long line of good propositions in this end of the camp. Among the more prominent ores are the Copper Moun-tain, Key to Success, Wasatch and Skylark, all of which possess unmis-

SINKING RESUMED.

At the Centennal-Eureka Mine of

Tintio.

Supt. C. E. Allen yesterday ordered

work to resume in the main shaft

of the Centennial-Eureka mine, which

will be sent to the deep as rapidly as

possible. Operations ceased recently on account of an inflow of surface water, which became a disturbing element. But now that the snow has disappeared, the difficulty is no longer

The present depth of the shaft ex-

The Royal's Suite.

Senator Lewis has leased a suite of

CON. MERCUR PLANT.

Be Watched With Interest. Work will commence on the installa-

tion of the Moore slimes plant at the

will probably commence to arrive by that time, and it will be installed as

rapidly as possible thereafter.

The changes to be made, Mr. Moore

states, will not necessitate any addi-tional buildings. There will be plenty of room for all the equipment in the present structure; in fact, he says, there will be plenty of room to spare after the displacement of some of the ma-

chinery now in use.

The plant will be arranged so that it will take care of no less than 1,000 tons of ore per day, and it may be that the capacity will be increased to

If the Moore process comes up to ex-pectations, and there is no reason to disbelieve that it will, for the com-pany has given it a most thorough test,

it will mean a whole lot to the share-holders of the Con. Mercur. A sav-ing of 50 cents per ton on the ores, handled in such vast quantities, is no

mail item.

This will be the first plant of the kind to be put into active service and its behavior will be watched with the keenest interest by mining men and metallurgists throughout the land.

Case May be Settled.

Next Monday is the date set for the

trial of the case of the Chicago-Bing-ham Mining Co. vs Ben Butler Mining

Co. There is a probability that the trouble will never be tried out in the

courts. The two companies are en-deavoring to patch up their differences by effecting a consolidation.

JOHNNY'S NEW FIND.

Twenty Stamps to be Added to Mill

On That Property.

An important strike is reported as

having been made in the Johany mine

at Stateline, of which Will J. Dooly is

manager. The new find was made in

the old cage shaft, while sinking it to

a greater depth. The main vein was caught on its dip at a depth of about 125 feet.

it has been demonstrated that the Johnny mill, which went into commis-sion a few weeks ago, is too small and

plans are being made to add 20 more

Big Forest Fires in Pennsylvania

Johnstown, Pa., May 12.-Without

stopping work for 40 hours, exhausted and choked with smoke, the lumbermen

and mountaineers of Cambria, Somer

set and Wesmoreland counties are praying for rain to quench the forest fires that have been raging for a week.

By almost superhuman efforts of the inhabitants and with the aid of fire companies from Atloona and Johnstown, the villages and mills at Dunlo. Vintondale and Twin Rocks have been

saved. On the Laurel Hill, in West-

saven. Of the Laurer Call, more and county, several gouses have been burned and loss of life was narrowly averted. Guards surround the

Conemaugh powder plant at Seward, to prevent the flames reaching that estab-

Latrobe. Ps., May 12,-The most destructive forest fire in years is sweeping

the ridge and threatening the destruc-tion of Waterford and Laubhlinstown

I NEW YORK METAL PRICES

A large force is fighting the fire

small item.

that proeprty.

## LO. MAMMOTH STILL CLIMBS

Share This Forencon.

TRADING BRISK ON 'CHANGE WORK ON THE SKYLARK.

Star Cou., May Day and Vankee Con., All Attracting Attention-Closing Quotations and Sales.

The sales consummated on the stock exchange this forenoon amounting to 45.063 shares, which brought the sum of \$28,072.37. Lower Mammoth stood out boldly again as the feature of the day and the way it advanced was enough to cause chills to creep over the few brokers who are "short."

The stock climbed up to \$1.28 per share, with strong indications that it has not yet reached the limit. The closing bld registered was at \$1.27.

Con. Mercur fell back several notches and was in but slight demand. May Day entered the pit strong, but closed slightly under the opening price. Mammoth was ventured at 1.20 and taken. Star Con, was another active trader and Uncle Sam was not entirely lacking in interest. Yankee Con. was in slightly better trim than yesterday. The closing quotations and sales were

posted as follows:

TODAY'S QUOTATIONS.		
	Bid.	Asked.
Alice	20	
Ajax	22	25
Bullion Beck	1.25	3.00
	10	11%
Carisa		
Con. Mercur	1.29	1.294
Creole	60	65
Daly	1.95	2.20
Daly-Judge	9.25	9.50
Daly-West	47.50	47.60
Dexter	111/2	28
E. & B. Bell	89	93
Galena	8	
Galena	814	14
Grand Central	5.05	5.25
	1.00	0.00
Horn Silver	454	. 5
Ingot.		2.30
Little Bell	2.20	
Lower Mammoth	1.27	1.2714
May Day	21%	22
Mammoth	1.17	1.20
Nevada		10
Ontario	5.50	7.00
Nevada		10
Black Bess		60
Sacramento	221/4	26
Silver Shield,	816	
South Swansen	20	2314
	301/4	3016
Star Con	3078	1.00
Swansea	444	7716
IJtah	una:	
Uncle Sam Jon	28%	29
U. S. Mining Co	24.50	25.00
Valeo	12	14
Ben Butler	131/2	141/2
Rocco-Homestake	10	75
California	131/4	14
California	59	70
Dalton		- 2
Joe Bowers	1 "	11/6
La Reine	5	514
La Reine Little Chief	4	6
Manhattan	1/4	1
Martha W ashington	3	314
New York	2516	26
	1416	20
Tetro	22	20
Victor		
Wabash	2079	

W. Morning Glory .. .. REGEAR CALL SALES.

Ajax, 500 at 25. Con. Mercur, 100 at 1.29½; 100 at 1.29. Sold, 200 shames. Croole, 450 at 50. Daly-West, 88 at 47.60; 25 at 47.50. Sold

Daly-West, so at 1.25; 900 at 1.25; 900 at 1.28; 100 at 1.25½; 1.000 at 1.27; 1.200 at 1.27½; 500 at 1.25, seller 30; 100 at 1.27, eller, 30; 500 at 1.26½; 2,500 at 1.26, seller 30, Sold 7.300 shares.

May Day, 2.800 at 22; 1.500 at 22½; 3.0000 at 22, buyer 30; 1.500 at 21¾. Sold

7,800 shares.

Mammoth, 100 at 1.20.

Star Con., 5,100 at 30; 2,500 at 30½; 100 at 30½; 500 at 305; 500 at 31, buyer 30.

Sold 8,700 shares.

Uncle Sam, 200 at 30, buyer 30; 1,000 at

i: 1,000 at 28%. Sold 2,200 shares. California, 500 at 13%.

Martha Washington, 4,000 at 3.

New York, 600 at 25%.

Victor, 500 at 23½.

Ynnkee, 800 at 36; 1,000 at 36½; 400 at 37; 500 at 37; 500 at 37; 500 at 38; 5

Sold 3,700 shares.

OPEN BOARD SALES.

Lower Mammoth, 200 at 1,27; 500 at 1,27½; 100 at 1,27½; 100 at 1,27½, seller 30; 100 at 1,28500 at 1,32; 2200 at 1,34; 200 at 1,36½; 200 at 1,37; 100 at 1,37½. Sold 3,300 shares. May Day, 500 at 21%; 400 at 21½. Sold 900 shares. Mammoth, 100 at 1.18.

Sacramento, 500 at 25%. Star Con., 200 at 30½; 1,400 at 30. Sold 1,600 shares. Martha Washington, 1,000 at 3. Victor Con., 500 at 24; 500 at 24%. Sold

Yankee Con, 1,000 at 2514.

FORENOON SALES.

Shares sold, Value. 

Ontario-Ingersoll Incorporated.

The Ontario-Ingersoll Mining company, of this city, filed its articles of incorporation in the county clerk's office today. It is capitalized at \$500,000, di-

vided into shares of the par value of \$1 each. Matthew Cullen is president: Themas Jordan, vice president: Jacob Meritz, secretary and treasurer. The company owns the Bob Ingersol, Spring and Franction lode claims, located in the Blue Ledge district, Wasatch coun-

Prof. Giles will meet the memers of the Cambrian chorus at the Sixteenth ward meetinghouse tonight at 8 o'clock, to rehearse for b'riday night's profram at Barratt hall.

State Supt. of Schools Nelson is vis-

County Supt, of Schools Ashton an nounces that the Draper school will close tomorrow for the term.

THE PERSON OF TH

To-day's Metals: SILVER, Bar, 53 3-4 cents LEAD. \$3.90. CASTING COPPER, 14 cents a ft.

### PLANS MADE O. K. EXTENSION FOR THE YORK OF BEAVER

Tintic Stock Reached \$1.28 Per Party of Officials Leave for Mine Bingham Mine to be Scene of Much Activity

DURING THE PRESENT YEAR

Will be Ordered Resumed - North | Property is Controlled by Boston and English Capital-Not Intention To Extract Ore Now ..

The Boston and English syndicate, which has been in control of the York sion Mining company will leave for mine at Bingham for some time, is preparing to inaugurate a most vigorous campaign at that property during the present year.

It is proposed, said Manager Walter C. Orem today, to spend a vast sum of money in the exploration of the property. While this is being done, no effort order a resumption of operations on will be made towards the extraction and marketing of ores, but it will be the policy of the company to develop the ore bodies and leave the matter of treatment for future consideration.

It is not generally known, but some quite important disclosures have been made in the property lately. Results of a most gratifying nature have been obtained, which indicate a great future for this Bingham proposition which is likely to rank among the most impor-tant in the great camp, the home of the Utah Con., Bingham Con. and the United States.

LIKES THE SHEBA. W. H. Child Gets a Letter Which Pleases Him.

William H. Child, who is exploiting the Sheba mine in Humboldt county, Nev., is much pleased with the pro-gress being made with the development

gress being made with the development of that property.

He is in receipt of a communication from J. J. Grossman, a mining engineer, who recently visited the region in which the Sheba is located. Unsolicited, Mr. Grossman has written his opinion of the mine, which he did after making a thorough inspection of it. It is couched in such commendatory tones that, naturally, Mr. Child feels jubilant over the outlook. Mr. Gross-

tends but a little way below the 1,400 level, or about 1,600 feet from the surface. It is the intention to send it down 500 feet further, at which point a station will be cut and a drift started to tap the ore bodies at that level. man wrote:
"The Sheba has an excellent large ore body, with well defined foot and hanging walls between lime rock and perphyry, thoroughly a contact vein. The vein is highly mineralized from surface to the present depth, in fact, increasing in richness as depth is obtained, and the ore which I examined in your office in Salt Lake does not office rooms on the fourth floor of the Dooly block, which is to become the home of the Royal Gold & Copper and the Manhattan Gold & Copper Mining tained, and the ore which I examined in your office in Salt Lake does not come up to the average of ore in the mine. The new tunne! which will cut this ore body below water level will surely make it a first-class mining property. Operation of Moore Process Wil

"On examination of the Mammoth tion of the Moore slimes plant at the Con. Mercur mill in about two weeks. This was the information given out by Mr. Moore today. The machinery, for which an order was placed recently, will probably commence to arrive by not be compared with the richness and size of the Mammoth ore croppings. Believe me, that whenever that lower tunnel is driven in far enough to cross-cut the grand lode below water level it will open up something that the can it be that an ore body of that kind should have been left dormant up to the present time? Is it possible? I want to impress upon your mind that time will verify every word stated by

me in this letter."

Supt. Kescel, who is in charge of the new mill at the Sheba, is expected to arrive in the city the latter part of

WHERE IMMIGRANTS GO.

#### Commissioner's Report Shows That They Seck Mining Camps.

The recent report of the commission er of immigration furnishes a subject for the consideration of American miners. Commenting on the matter the Mining and Scientific Press says:

The report shows that the total immigration into the United States for the nine months ending March 1 last was 494,425, as against 370,575 for the corresponding months of last year. this large immigration. Italy supplied the largest number, the total (includ-ing Sicily and Cardina) being 129,800 ing Sicily and Cardina) being 129,800,
The next largest contingent came from
Austria-Hungary, which contributed
123,234, and Russia (including Finlani)
sent 81,731. Every country in Europe
sent its quota, and some Asiatic countries, notably Japan, are represented.
However, a large number of these immigrants are of a desirable class, but the vast hordes from Italy, Austria-Hungary, and Finland are the least desirable element. The greater number are abjectly poor, and as a large per-centage of them go to the mining re-gions of the United States the subject is of interest to miners, not only na-tive born but naturalized citizens Everywhere miners are organized or organizing for higher wages, shorter hours and improved conditions, but how these can be maintained when ones secured—at the cost, generally, of a struggle—seems difficult of solution. These people must live, now that they are here, and to live they must obtain work, but a high standard of wages or work can not be maintained when the labor market is continually flooded with the class of laborers here referred

In connection with this may be mentioned the fact that during the recentlabor demonstration in Amador county Cal., a number of men marched in the processions which paraded the streets who were unable to speak or under-stand a word of English, and still work the tags which are secured to their coats when they first reach America, showing them to be among the latest to

These men know nothing of our form These men know nothing of our form of government, our laws, or our institutions, but they are already or soon will become competitors in the labor markets, and in the face of this condition, which does not improve in the least with time—indeed, threatening to get worse—no standard of wages that an American can afford to accept will be resemble.

MINING CONCENTRATSE.

An important strike is reported hav-ing been made in the Indiana group of claims at Fay, Nev.

Lead quiet, 4.37½.
Copper, quiet, 14.75.

Local quiet, 14.75.

Copper, quiet, 14.75.

Mr. McRobert and Fred Butler of Salt Lake were in town the early part of the week. An effort was made by them to sample the Webster mine, but the inflow of surface water from meit-

ing snow is so great that the work had to be deferred for two or three weeks. Mr. McRobert was in the 'Vale last fall in the interest of some kind of a deal on the Webster.—Marysvale Free Lance.

W. G. Adamson, who is managing some Nevada mining properties, is in the city for a few days.

Senater Lewis may go to Beaver county tonight to look over the Royal properties. The Ajax Mining company has levied an assessment of five cents per share. Delinquent June 11.

The one-cent assessment on the stock of the Little Chief Mining company, becomes delinquent June 9.

F. E. Houghton, formerly of this city, has retired from the management of the Boston Mining Bureau with which publication he has been connected for some time.

A. J. Cushing is scheduled to leave the other side of the Atlantic on the 21st inst. His arrival in Sait Lake is an-ticipated about June 5.

Supt. J. C. Kescel came in from Humboldt county, Nev., today. He is in charge of the Sheba mine.

A statement has been made that in the mines of Tonopah 793 men find employment. Out of this number the Tonopah company has 265 on its pay

Three cars of ore from the E. & F. mine of Pioche were settled for today; the controls showing 35.4 per cent copper, 10.5 ounces silver and some gold to the ton. The new shaft at the California mine has reached the tunnel level. A station will be put at the point of inter-

Splendid reports are coming from the Star Con. of Tintic. The showing of ore on the 300 and 400foot levels, Manager Packard states, is very gratifying indeed. Between 15 and 20 feet of ore has been disclosed on the 300.

The shaft at the New York Bonanza mine. Park City, is almost completed to the 300-foot level.

The ore and bullion settlements made yesterday were as follows: Ores, \$44,100; base bullion, \$14,300.

On Last Tuesday the stockholders of On Last Tuesday the stockholders of the Standard Mining and Milling company held their annual meeting in Marysvale and elected the following officers for the ensuing year: H. C. Nowton, president; William H. H. Haughey, vice president: J. S. McCullorgh, general manager, and F. M. Haughey, secretary, The officers, together with J. S. Haughey, also constitute the board of directors.—Marysvale Free Lance.

The machinery has been shipped from Salt Lake for the Horseshoe mill, and on or about the 10th, a crew of ten or fifteen men is expected to arrive from Salt Lake to take out the old machin-ery and remodel the mill, when a new process of milling the ores will be installed. It will not be but about twenty days after until the mine will be running full blast.—Stateline Oracle.

A few miles west of Fay, Nev., is a kind of mineral curiosity. The dis-trict is called Klondike, and all over the country are scattered large bowlders, rich in gold. Prospectors have gone down seeking a ledge but rocks seem to rest on a sandy foundation. Others theorizing that the bowlders were brought from the mountains by prehistoric glaciers, have sought for the lost ledge, but without success,— Stateline Oracle.

### SALT LAKE MARKETS.

Following are local wholesale prices on produce, quotations being furnished by J. M. Christensen & Co., J. M. Mar-riott and Sam Williamson.

BUTTER. The butter market continues in good

Creamery (fresh domestic) per lb... 

POULTRY.

Hens, chickens, from 15 to 16 cents per pound. Chickens, spring, from 17 to 20 cents per pound. EGGS.

Egg market is from \$5 to \$5.25 per case, according to quality.

MEATS. 

Spring lambs ......\$3.00 each FLOUR.

The prices of flour and grains are as

High patent, per cwt ......\$2.30 Straight grade, per cwt ...... 2.10 Baker's No. 1, per cwt ...... 2.00 GRAIN.

 

 Cats, per cwt.
 1.65

 Feed Barley, per cwt.
 1.50

 Rolled barley, per cwt
 1.50

 HAY.

Lucern, per hundred, baled.....\$ .621/2 Timothy, per hundred, baled ..... .75

ORDER OF RAILWAY CONDUCTORS MEETS.

Pittsburg, May 12 .- Nearly 5,000 delegates and their friends were present in the old city hall today when Grand Chief Conductor E. E. Clark called to order the twenty-ninth biennial convention of the Order of Railway Conductors of the United States, Canada and Mexico.
Grand Chief Conductor Clark in his

address reviewed the work of the past two years and spoke encouragingly of the prospects of the future.

This evening there will be a public reeption in Carnegie Music hall, when

ception in Carnegie Music hall, when addresses of welcome will be made by the city officials with responses by Grand Chief Conductor Clark and Mrs. J. D. Moore, grand president of the ladies' auxiliary.

Alvin theater was crowded at the first response of the convention of the ladies'

session of the convention of the ladies' auxiliary. Mrs. Moore had charge of the cexrcises. the eexicises.

Addresses were made by all the grand officers and a welcome extended by local women. One of the most important subjects to be considered by the auxiliary will be the increase of death benefits from \$300 to \$500.

The contest for the next convention is a warm one between Salt Lake, Den-ver, Boston and Buffalo.

Gt. North. Trainmen Situation.

St. Paul, May 12.—The situation as regards the Great Northern trainmen re

mains unchanged. The men have not yet received a reply to the answer sent to Mr. Ward, rejecting his proposal, but he expects to hear from him some time today. It is generally conceded that the matter would be decided in one way or another today. Last night both sides were hopeful of a peaceful settlement, but were looking to the other party to make the concessions which would se-cure peace. Today the feeling was cure peace. Today the feeling was much the same, although predictions of a strike were heard.

## OPENING PRICES A LITTLE HIGHER

Volume of Dealings Was Rather Small.

SOME ADVANCES WERE MADE

Good Rise in St. Louis and San Francisco Reflected Official Announcement of Deal With Rock Island.

New York, May 12.-Opening prices were small fraction higher than last night on moderate volume of dealings. A rise of 1% in St. Louis & San Francisco reflected the official announcement of the deal with Rock Island. Rock Island rose 1/6. Missouri Pacific advanced 1/2 on large absorption and there was an advance of 14 in Colorado Fuel. A demand for Hocking Valley, which advanced it 4½ to 105, due to expectations of an early announcement of transfer of control, was the most notable incident of the first hour's dealings. The market was very uneven, wide movements in a few stocks having little effect on the general list. St. Louis & San Francisco rose an extreme 2½, Delaware & Hudson 2½, and Texas Pacific and National Railroad of Mexico a point. Mergenthaler Limotype sold 5½ higher than the preceding sale in November, 1891. There was a loss of a point in Pacific Coast second preferred.

Bonds were irregular.

The extending of the rise in Missouri Pacific to a point was without effect on the market, which was dormant. Large offerings of Pennsylvania appeared later, forcing it back a good fraction and there was a slight reaction elsewhere on profit taking sales. Metropolitan Securities lost a point. Valley, which advanced it 414 to 105, due

PRODUCE. . CHICAGO.

Chicago, May 12-Close: Wheat-May, 18½; July, 72½,472½; September, 63%.
Corn-May, 44½; July, 45½; September, 44% 641%. Oats-May, 35%; July, 32%; September, Pork-May, 18.65; July, 17.65; September, 16.67½. Lard-May, 8.82½; July, 8.92½; Septem

per, 9.00. Ribs-May, 9.20; July, 9.271/2; September 9.20.
Flax-May, N. W., 1.15.
Rye-May, 50.
Barley-Cash, 42@56.
Timothy-May, 3.50.
Cash: Wheat-No. 2 red, 78@79; No. 2 red, 78@77; No. 5 hard winter, 73@77; No. 5 hard winter, 75@77; No. 5 hard winter, 75@77; No. 2 spring, 75@80; No. 2 spring, 75@80; No. 3 spring, 73@79.

Corn—No. 2, 441/64474; No. 3, 441/6441/2. Oats—No. 2, 32; No. 3, 31.

LIVERPOOL. Liverpool, May 12.—Close: Wheat-May, is 4%d; July, 6s 3%d.

NEW YORK. New York, May 12.—Wheat—Receipts, 123,500 bushels. Opened easy on government report figures, but rallied later on light room covering. May, 82%/082%; July, 77%/077%.

CHICAGO WHEAT.

Chicago. May 12.—Wheat opened easier today, July being off 1/4 to 4 at 724 to 724, selling up to 12%4/21/2, and steadying around 724.

BUTTER AND EGGS.

New York, May 12.—Butter—Receipts, 19,600 packages. Firm. State dairy, 17.621; extra creamery, 22; ereamery, common to choice, 18621; Eggs—Receipts, 21,400. Weak. State and Pennsylvania, 17; western storage packed,

Sugar—Raw, steady, Fair refining, 13-16; centrifugal, 96 test, 3 11-16; molas-ses sugar, 3. Refined is steady; crushed. 5,40; powdered, 4,90; granulated, 4,80. Coffee—Quiet; No. 7 Rio, 51; Molasses sugar firm.

WOOL

ST. LOUIS. St. Louis, May 12.—Wool—Steady. Ter-ritory and western mediums, 15@17; fine, 11@16; coarse, 12@15.

BOSTON.

BOSTON.

Boston, May 12.—The wool market shows a better general business for the last week than it has in some time, but a slight weakness in prices is noted. Territory wools have been in good demand. Fine stapic scoured, 52953; fine, 59933; fine medium, 47948; medium, 43945. Fiece wools have been quiet, owing to small stocks and the lirmness in prices. Very little is doing in Aunstralian wools, prices steady and unchanged.

LIVE STOCK.

CHICAGO.

CHICAGO.

Chicago, May 12.—Cattle—Receipts, 3.000, Steady. Good to prime steers, 5.1025.59; poor to medium, 4.0005.10; stockers and feedera, 3.0024.75; cows, 2.5024.59; heifers, 2.5025.00; canners, 1.5022.75; bulls, 2.5024.59; calves, 2.5026.09; Texas fed steers, 4.0024.75.

Hogs—Receipts, today, 17,000; tomorrow, 25,000; left over, 8,000 %2.10c lower. Mixed and butchers, 6.5526.80; good to choice heavy, 6.6526.80; rough heavy, 6.4526.60; light, 6.2526.45; bulk of sales, 6.5025.60.

Sheep—Receipts, 12,000. Sheep steady, lambs strong, Good to choice wethers, 5.0026.55; fair to choice mixed, 3.5024.75; western sheep, 4.7526.85; native lambs, 4.5027.35; western lambs, 4.7527.35. KANSAS CITY.

KANSAS CITY.

Kansas City, May 17.—Cattle—Receipts, 10,000, including 1,500 Texans. Steady. Native steers, 3,7505.25; Texas cows, 2,706 3,75; native cows and helfers, 1,5064,75; stockers and feeders, 5,2564,15; buils, 2,75 63,75; calves, 2,5066,80; western steers, 2,9505,15; western cows, 2,0064,00.

Hogs—Receipts, 16,000. Market 56610c lower. Bulk of sales, 6,4065,55; heavy, 6,506 6,60; packers, 6,3266,45; nedlum, 6,406,55; light, 6,3066,45; yorkers, 6,406,45; pigs, 5,5596,30.

Sheep—Receipts, 5,900. Market steady, Muttons, 3,8065,99; lambs, 4,8067,60; range wethers, 3,8506,00; ewes, 3,7505,50.

OMAHA.

OMAHA.

South Omaha, May 12.—Cattle—Receipts, 3,500. Market active, 5,610c higher. Native steers, 4,2505.25; cows and helfers, 3,2504.40; canners, 2,0003.00; stockers and feeders, 3,0004.80; calves, 3,0006.00; buils, stags, etc., 3,2504.50.

Hogs—Receipts, 7,500. Market 5,610c lower. Heavy, 6,47546.60; mixed, 6,4566.47%; light, 6,4000.47%; pigs, 5,5006.50; bulk of sales, 6,4505.47%.

Sheep—Receipts, 3,000. Market steady. Fed muttons, 5,0005.7%; wethers, 4,7505.40; ewes, 3,8004.80; common and stockers, 2,5064.25; lambs, 5,0007.35.

SCIENTIFIC MISCELLANY. Objects too small or distant to be seen-

like fixed stars-are made perceptible by

their light. Taking advantage of this

fact, Sledentopf and Zsigmondy have magnified strongly illuminated particles, and in this way have made visible the diffraction discs of specks of matter approaching molecules in minuteness. Their observations were made upon particles of gold embedded in ruby glass. From the known quantity of gold and the number of discs, it was calculated that each particle, with an apparent diameter of one millimeter, had a real diameter of 1-50,000 h of a millimeter, and it was further shown that the limit of magnification would be 150,000 diameters. The greatest powers of this method would show a particle having 10 times the diameter of a molecule.

The epidiascope, of German manufacture, is a new optical lantern of greatly enlarged usefulness. It is adapted for projecting not only ordinary lantern slides, microscopic preparations and other transparent objects, but also the reflected images of opaque objects up to a size of more than eight inches square. Butterobservations were made upon particles of

files, coins, etc., are shown in a very realistic way, the natural shadows being reproduced. Manuscripts and pictures may be thrown upon the screen without preparation, and the most delicate natural history specimens—even living organisms—can be safely placed upon the table of the object chamber, as dark heat rays are cut off by a water tank.

cut off by a water tank.

While the elixir of youth for the human race is still undiscovered, Prof. Lucien Daniel has rejuvenated dying plant tissues in a very striking manner. His first experiments were designed to show the influence of grafting upon the scionwood, and they resulted in changing tobacco from an annual to a biennial upon the tomato, and in producing a variety of bean that fruited twice in a season by grafting different beans upon one another. The problem of rejuvenation was taken up with the Scopolia carniolica, an early spring plant of the botanical gardens, belonging to the same family as the potato, the belladonna and the tomato. After having borne fruit, the dying shoots were grafted in May upon the young tomato, when the signs of old age disappeared, and the scions put forth new branches with vigorous green leaves, and actually blossomed and again bore fruit.

Methyl or wood alcohol is being much used as a cheap substitute for common or cityl alcohol. It is far more dangerous, and less than half an ounce has produced total permanent blindness, while fatal poisoning has resulted from three fluid ounces. A case of blindness bas been reported from external application alone, Dr. J. A. Deghull reports finding methyl alcohol in 40 out of 215 specimens of commercial spirit of camphor, and that 30 specimens had been prepared with this alcohol only.

Renewed interest in the possibilities of scaling the world's loftiest mountain has been groused by the setting out for the Himalayas of the expedition under Eckenstein. The highest known point on earth is Mt. Everest, which rises to 29,002 feet above sea level, and the greatest height to which anybody has yet climbed is the summit of Mt. Aconcagua in the Andes, at 23,080 feet, which was reached by two men in 1857. The opinion of most experts is that pienty of time and money will enable picked mountaineers to reach the top of any peak under favorable conditions. With provision for plenty of suitable food, however, the explorer must go slowly, adapting himself to the rarefied air by resting weeks at a time at different camps on the road, and taking two or three years to complete the ascent. Even if Eckenstein or his followers should gain the top of Mt. Everest, some higher peak may remain to be surmounted. The Himalays's have been but imperfectly surveyed, and several mountains are known to tower above 25,000 feet.

The aurora borealis, as lately seen in the aurora boreans, as lately seen in the early afternoon by an English ob-server, appeared as a black arch with black streamers against a blue sky. The sun was shining brightly, and some bright white clouds were being driven rapidly in front of the aurora.

A tropical substitute for the potato, already being tried in French colonies, is Coleus Coppini, a new edible of the Mint or Labriate family. Its tubers. which average an inch and a half in length, closely resemble the potato in flavor when prepared in the same way.

In the explorations of topical waters, the dense growth of aquatic plants often so obstructs the screw that an ordinary steam launch is made useless. It was to overcome this difficulty that Count Zeppelin constructed his launch with propeliers in the air, and so effective has the new method of propulsion proven that the light boat, drawing only 10 inches, skims the water at 14 to 16 miles an hour. Clover with four leaves is no longer merely a curious freak, as De Vries, the Dutch biologist, has produced it as a normal variety after long-continued selection.

Coherers, instruments that respond to electric waves, are of many forms. That by Marconi, a tube of metallic filings that the waves make conducting and cause to pass dot and dash signals, is unsatisfactory and often unreliable, and requires constant tapping to keep the particles separated. The Lodge-Muirhead apparatus, requiring no tapping, is claimed to work regularly in all weathers. This coherer consists of a small fine-edged steel disk rotated by Coherers, instruments that respond to weathers. This coherer consists of a small fine-edged steel disk rotated by clockwork upon a globule of mercury, from which it is separated by a film of oil, and its action depends upon the breaking down of the film by the electric oscillations, which thus close the local circuit and cause the signals to be given. The system of telegraphy of which this forms the essential part has been in course of development since 1894.

STRONGEST EVIDENCE OF FAITH

All Druggists Guarantee that Hyomei Will Cure the Worst Case of Ca-tarrh in Salt Lake City,

When one of the most reputable concerns in Salt Lake guarantees that a medicine will effect a cure or they will return the money, it speaks volumes as to the merit of that remedy. It is in this way that all druggists are selling Hyomei, the treatment that has made so many remarkable cures of both acute and chronic cases of catarrh in Salt Lake City and vicinity.

Hyomei is not a pill nor is it a liquid that has to be taken with a tablespoon or wineglass. Just breathe it by the aid of an inhaler that comes in every outfit and benefit will be seen from the first

It destroyes all germ life in the air passages and lungs and enriches and purifies the blood with additional ozone. It cures catarrh of the head and throat, or of the stomach, liver and kidneys. Wherever mucuous membrane contains catarrhal germs, there Hyomel will do its work of healing. When using this treatment, the air you breathe will be found like that on the mountains high above the sea level, where grow balsamic trees and level. grow balsamic trees and plants make the air pure by giving off volntile antiseptic fragrance that is healing to the respiratory organs.

Remember that if Hyomel does not

cure you, your druggist will refund your money. This is a good time to cure catarrh by this natural method and prevent catarrhal colds that are so common at this season. Nelden Judson Drug Co., Distribut-

NOTICE.

The Regular Annual Meeting of the stockholders of Zion's Savings Bank & Trust Company will be held at the Company's office, Nos. 1, 3, and 5, 8. East Temple St., Sail Lake City. Utah, on Monday, June 1st, 1963, at 11 o'clock a. m., for the election of Directors and for such other business as may come before the meeting. JOSEPH F. SMITH, President GEORGE M. CANNON.

Cashler. Dated May 11th, 1903.

The Only Way TO CURE CHRONIC STOMACH TROUBLE

is to cure the Cause. You can relieve it by taking Pepsin, Soda or the many. Dyspepsia Tablets, but they will not cure. It is absolutely necessary to cure the inner lining of the stomach, and that is what NAU'S DYSPEPSIA CURE will do. Mr, Frank Nau, New York City:

Mr. Frank Nau, New York City:

"Dear Sir—I have been troubled with Stomach trouble for a number of years, and have had the pleasure of giving your remedy a trial, and am convinced that it will prove beneficial in every case where one is suffering from troubles of the stomach. I highly recommend it, having received great henefit myself from the use of your remedy. Respectfully:

[Signed] LLOYD T. KING.

General Organizer Endowment Rank, K. of P., Colorado, Wyoming, Utah, idaho, Organizer Colorado, Wyoming, Utah, idaho, Organizer Colorado, Washington, P.O. Box 1436, Salt Lake City, Utah,

Price \$1 per Bottle; 6 bottles, \$5; Express Prepaid. For sale by Druggists or Direct.

The P. Nau Company, 203 Broadway, N. Y. Send for booklet. and Portland, Oro

Sold by F. C. Schramm, Drueni a Franken, Hill Drug Store and leading druggista.



Cluett-Peabody neglige shirts are made first for comfort, but style and elegance of

Cluett Shirts, \$1.50 up Monarch Shirts, \$1.00 up Cluett. Peabody & Co.

material are in them too.

# 

Mocha and Java.

Blended from the Best stock the Market Affords. Phone 974-y, or we call for

Orders.

UNION TEA & COFFEE COMPANY,

14 E. Third South. High grade goods. We Do Not Cive Premiums



the most expensively fitted, best made Sole Leather Trunk, to satis-fy the fastidious patron who does not care to limit the cost, down to the ord/vary article, at lowest price, all are GOOD. Trunks Repaired.

every kind for every purpose, from

Straps and Sundries for Trunks.

## A COLD BOND

That pays 4 per cent interest is considered a gilt-edge investment. A savings deposit with the

**Utah Commercial** & Savings Bank Pays 4 per cent and is as

A COLD BOND.

White House Cook Book.



This standard book, well bound in oil cloth covers, with colored plates, weighing 4½ pounds, on sale at the Deseret News Book Store

\$1.25-Former Price \$3.00.

SPECIAL NOTE: Any paid up subscriber of the Deseret News (Daily, Saturday, or Semi-Weekly) can have the book at haif price—65 CENTS—by applying to the circulator's window. Postage 25c extra

WE WILL GIVE THE BOOK FREE

to any subscriber who sends us the

name of a new subscriber to the Daily, with the price for one year. We will give the book for 56 CENTS to any subscriber who sends us the name of a new subscriber to the Semi-Weekly or Saturday News, with the price for one year,

The Deseret News SALT LAKE CITY.

Saponifier. WASHING TO SECOND ponifier is the orginal and old reliable Concentrated Lye

