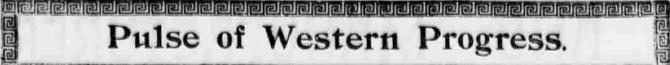
THE OMAHA DAILY BEE: MONDAY, SEPTEMBER 13, 1897.



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Charles Poulot, a prominent chemist and is raised to prevent the development of the metallurgist of Lyona, France, is a guest of the American, says the Denver News. Mr. Poulói is in Colorado upon a preuliar mission He is one of the largest smelters and dealers in rare metals of the world and the object of his trip to the Rocky mountains is to arrange with mining men of the state for the shipment of rare metals to Lyons. Although he has been in the state only a few days he has met with remarkable success and his trip to Colorado will be the means of bringing many thousands of dollars to this part of the globe which otherwise might have remained on the other side of the Atlantic. Mr. Poulot is greatly surprised, as he had very little idea. of the wealth of Colorado in metals whose value far exceeds in the market the value of gold. The yellow metal which is attracting the attention of hundreds of thousands of cager pursuers sells at \$248 a pound. The metals which the French visitor is seeking bring all the way from \$400 to \$40,000 a pound. The rarer the metal and the more difficult with. Its separation from grosser bodies with which it is united the more costly is the final out Mr. Poulot has found that Colorado produces a greater variety of rare metals than any other area of equal size in the world. Out of twenty rare metals Colorado produces ten or eleven, and the field is as yet only partly explored. Mr. Poulot has entered into contracts with Denver parties for large quantities of uranium, which is produced in a mine cation." of Gilpin county, where it is found in a very rich ore cunning from 30 to 60 per cent metal. Vanadium he will get from the Mammoth mine, near Tucson, Ariz. The ore runs 14 per cent, and the metal is worth \$100 a pound. Vanadium is also found at Leadville in small quantities, but cannot be min-d at a profit. Yttrium the Frenchman will get from a rew mine in Park county, where it is found as a silicate. There is a large deposit of this metal in the mine and it is very valuable when prepared for use. The yellow glass and po-celain of commerce receives its color from uranium. This is the principal commercial use of the metal. Vanadium is used in setting the black in fine fabrics it also gives the gloss to satin, ium, rhodium and palladium are found and Iridiun in small quantities in a phyrrotite ore recently found in Larimer county. Iridium is used for tipping gold pens, and is then called a diamond point. It is the hardest known metal and has never been smelled pure. It occurs in platinum and occasionally in Colo-rado gold in minute specks. This metal has never been smelted and to get pieces large enough for pen points the ore is first dissolved in acids and then precipitated in the form of fine dust, from which the larger par-ticles are picked for use. The pieces are

embedded by pressure into the points of the pen without heiting the gold. The common use of palladium is in amalgam fillings for teeth. Rhodium is one of the most ductile bridge. and the loughest of metals. It is claimed of rhodium drawn to the thickness of a hair will sustain a weight of 100 pounds. Lauthanum, cerium and didymium occur in ores called tysonite and bastnacite found in Cheyenne canyon, south of Colorado Springs. The former ore is named after Prof. Tyson of New York City, who discov ered the deposit about ten years ago. The ore is found nowhere else in the world Uranium, yttrium and tungsten are found in an ore called samarskite in Boulder courty The samarskite is a mixture of three metals with other material. Yttrium was sought for by Edison throughout the whole world years ago, as he desired to make use of the material in incandescent lamps. Being

unable to find it in any quantity, he substituted carbon for filaments. Colo-rado can now supply yttrium for the world. Tungsten is used in considerable quantity in the manufacture of Weilsbach mantels or hoods for gas burners. This will now be supplied in quantity from Colorado. Glucenum or berylium is one of the most interesting of the rare metals. It is found only in crystals of beryl or aquamarine. These occur in moderate quantity on Bear creek, in Jefferson county, and contain about of Pythias band of Yankton to Hartington

mineral resources of the country within the reservations or in the vicinity. Water courses may be used for mining, irrigating nd other purposes. The settler all his rights, as is also the prospect r mineral and the miner. The prospect allowed to cut such timber as is requir or his use. All matured and dead timbe may be used, as beretofore. The only object the reservation order is to prevent the estruction of the forests by fire or the war on acts of men. No aericultural land is in luded in the reservation, it being within he power of the president to change th boundaries of the reserves and to take or such land as is susceptible of cultivati from the area within the reserves."

IN THE YOSEMITE PARK.

The annual report of Captain Alex Rogers of the Fourth cavalry, who is acting as su-perintendent of the Yosemite National park has just been published. He reports that the egular patrols have found that there is less trespassing in the park than in past years and says the depredations by sheep and their herders are the worst they have to contend Cattle are now restricted to the land belonging to their owners, who are held to a strict compliance to the rules of the In erior department. One herd of sheep was there during the summer and signs were en countered of other herds inside the park limits. The game, says Captain Rogers, seems to be increasing in numbers, and the deer and other animals show less fear o human beings than in past years, "an indibe says, "that they are not hunted so much as they formerly were." This con dition of affairs leads him to remark that the rigid enforcement of the rule against car rying firearms in the park has produced good results. One hundred and thirty-two fire arms have been taken from persons enter-ing the park during the yar. The captain save he knows of only one person having been in the park with frearms in his pos seasion. He calls attention to the fact that the Nevada Indians are in the habit of en-tering the park to kill game late in the fall camp. after the troops leave it, and he suggests that steps be taken to stop it. Forest fires were numerous. The big-tree grove at Mer ced had a narrow escape from one of them Capt. Rogers thinks one of the fires was de liberately started. He recommends that the covernment purchase all the roads in the

park and also the lands owned by indi-viduals within the park boundaries.

THE DAKOTAS. Valley Springs is to have a new bank. The Fargo National bank has been authorzed to begin business. Capital, \$50,000. The Deadwood & Delaware company has oald out about \$75,000 during the last thirty lays for mining property.

The Northern Pacific road will build iew steel bridge across the Red river at Fargo, and work will be begun at It will be four feet higher than the present

A special train of nine cars, containing 294 head of cattle, was shipped from Clark Monday night to Cherokee, Ia. It was the Monday night to cherokee, Ia. It was the ville smelters and mines. shipped from that station.

Work on the new flouring mill at Havana under way and it will be ready in time for this season's crop. It has a ca-pacity of seventy-five barrels, which will be ncreased as the business warrants. spirit.

On Monday an aerolite fell from the sky in the shape of a ball of fire on Railroad avenue in Candor. The ball penetrated the earth for a depth of six feet or more and steam poured from the hole in volumes. Now that water is scarce the amalgamators

at the Homestake and Star mills have devised signals, so that they can tell how many stamps to hang up at certain times without walking to and from the mills. They desire to keep the same number of stamps dropping in each mill.

s well

monsed

plaze got beyond their control.

in the immediate vicinity.

ham commissioned postmaster.

WYOMING.

County Treasurer Petterson and a number of other Yankton business men have de eided upon a unique plan for advertising the South Dakota State fair in Cedar county Nebraska. They propose to send the Knight headed by the hearse bearing the remains of Andrew McCloud; following this were the 30 per cent of the metal. The metal is silver white, much stronger, and of only half the music for the Cedar county fair, which beeleven coffins containing the Sunshine vic gins on Wednesday miners. Scotland is making quite a record for burglaries. In the last three months the reckenridge to the mint during the elry store of Dichl & Koobs has been week in August. Of this amount the Wapiti glarized twice, the hardware store of Engle & Hirsch once and the cold storage house of Frank Zalnowsky, saloon keeper, once. In the last case the burglars broke three locks supplied the greater part. The usual gri and seamless sack shipments of gold end dry amalgam were made during the month from the placers and helped to swell the Colorado unknown" output. Attorney General Grigsby has rendered cision in which he holds that a half breed The sugar company at Lehi commence orn of a white man and Indian woman digging beets on the company's farm in th not an Indian in the sense of the law; that he is not a ward of the government. The decision arose over the question of juris-diction in the case of a half breed held at Pine Ridge agency for murder. The govern-ment refused to prosecute, holding that it was not within the jurisdiction of the United

than twelve distinct heads on one stalk. The kernels are large and ought to make first-class flour. Mr. Wheelock started with a single quart of seed, from which he has raised over 100 pounds the first year. Wyoming now has a fully equipped bleycle place. actory from which the first finished machine was turned out last wek. It is said to be "light, easy running and handsome." The factory is located in Cheyenne and is owned and operated by the Wyoming Cycle com-

DADY Thomas Brundage of Sheridan has sown twenty scres of alsike for bee pasturage. Alsike is a hybrid clover, a cross between the small white clover and the common red variety. Mr. Brundage, after having tried various plants, has concluded that the above named is the proper one to cultivate for bees. The Big Goose valley is now one large field of grain in the shock, and the farmers are stacking and preparing to thrash

One machine is now at work pounding out the grain, which will furnish the means of A kindergarten to be supported by public subcription is the latest proposition before the people of Wallace. lifting mortgages, paying small debts and providing the comforts and luxuries of life. The Pennsylvania Oll company has now actual Wyoming investment \$200,00 which its Casper refinery represents \$35,000 The refinery itself is soon to be enlarged by the addition of six new 150-barrel stills, giving it a capacity of 1,100 barrels per day, making it the largest lubricating oil refinery on the continent, if not on the globe. COLORADO Longmont business men have ingreed to

ovcott Denver banks.

The grain of the Montezuma valley is the heavlest ever before raised. The La Junta cannery is now running on full time, canning tomatoes The Lead King is keeping the road hot with ore shipments. Nearly one hundred jacks go out laden with ore every day.

Forest fires are numerous around Aspet elleved to be caused by campers neglect ing to put out their fires when leaving Tin Cup, Gunnison county, Colo., report

a strike of tellucium ore, carrying ninet unces of gold and 7,802 ounces of silve per ton. Aspen miners are turning their attentic

the gold leads and placers on Difficul reek and already some good finds are re ported from there. The contest for maid of honor at Aspen is very heated, and it is believed that be

een 100,000 and 200,000 votes will be cast before September 15. Game Warden Wilcox gives notice that

hunting party will be considered as one fam-ily, and will, therefore, only be allowed one deer in camp at a time. Denver is to have a bicycle path by pr vate subscription. Over \$1,200 has been $\pm ub$ scribed to the fund. It is announced that work will begin shortly on the construction

of the path. Senator Poole of Denver has purchase 2.000 acres of ground three miles below Leadville and will build an immense dam and reservoir and furnish power for Lead-

The silver miners in most places are try ing to do business, but it is difficult. Nearlieverywhere where silver mines can be closed without great damage they are idle, and i other places work is going on with little

Klondike stocks will not be allowed to be bought or sold on the Mining Stock association in this city. Such is the final decision of the governing board of the Colorade Springs Mining Stock association of this city the largest exchange in the country.

Engineers are in the field locating depot and sidetrack sites for the Canon City and Cripple Creek Electric railway. Contribu-Cripple Creek Electric rallway. tions to the citizens' fund for the purchase of terminal facilities and right of way through Canon City are coming in rapidly so that no delay in this quarter is probable A gruesome spectacle was the procession m the morgue to the Catholic church at Glenwood Springs Sunday. The cortege was

UTAH.

the Oregon Short Line at Potatello has ended and all the strikers have returned to work. The annual exhibit of fruits, grains and regetables raised in the vicinity of Nampa a being put in the building erected for that purpose at the depot. Ore has been struck again in the Custer, near Wallace, which probably means more for the Coeur d'Alenes than any strike that

has been made there for ten years. There are two bands of Indians on Lost river. One band is in the basin and the other on the north fork of Big Lost river. They are killing all the game that they can

IDAHO.

scare up. The gypsies who infested the vicinity South Bolse have moved on to other fields sheriff's instructions to clear out seems to have had the desired effect.

General Merriam has informed a delegation headed by Mayor Alexander of Boise that no more rock can be taken from the reservation for street paving. The matter has been referred to Washington.

Only a few days more and the town of Guffy will be moved across the river into owyhee county. The railroad bridge was completed several days ago, and the depot ill soon be removed to this side of the river

Prof. J. D. Gibbons of San Francisco is Idaho on the Snake river, where he has a new machine for saving fine gold. If the machine is as successful as Prof. Gibbons says it is, placer mining will be revolutionzed and another Klondike excitement is ikely to occur at home.

The quarries from which Boise has been btaining rock for street paving are located in the military reservation. After a suffi-clent amount to complete the paying had con quarried, orders were issued prohibitng its removal from the reservation.

nayor has appealed to the secretary of war. The brake on the Tiger hoist at Wallace gave way Sunday, says a Denver News spe-cial, letting the cage fall. It struck on a sulkhead at the 1,200-foot level wedging in

so that it stopped, saving the four men work-ing in the bottom of the shaft. The hoist as torn all to pieces and the mine will be losed a month, laying off 150 men.

The Anaconda Gold Reduction and Revivi leation company at Murray has completed ts office building and is now grading for the main building. All ores will be crushed by rolls, as it cannot be done by stamps with-out using water and wasting more or less the streets with their fences. of rock. The rolls will be driven by steam

and no other machinery of consequence will 100,000 be needed, as after the rock is crushed it is treated chemically. A band of 120 cattle belonging to P. Mc-Monigle, a Deer creek rancher, that were

feeding on the mountains in the vicinity of Ketchum, were recently stolen, the owner not discovering his loss until last week. He immediately offered a reward of one-third of the stock to the parties returning part all of his cattle. Besides, the deputy sheriff and a number of armed men, both from Halley and Ketchum, started out to try and recover the stolen cattle. Word eached Hailey Wednesday night that Dep-

assays from \$2 to \$4 in gold, and Mr. Beck will be found cheaper and easier to do the house receiving the grain, and Wednesday work than to start making a "test case" of its constitutionality. is confident that in time a continuation of the gold ledge will be knowneed.

J. M. Westwood of Springville received a The Belcher, with an eight-font letter giv In the betcher, with an eight-foot ledge giv-letter last week whileh in effect, covers a noroposition recently submitted to the Na-tional Beet Sugar Construction company, and affecting the construction of a factory there. The Butte Mining and Raliway Review The Butte Mining and Rallway Review says about \$42,000 has passed through the

which, upon the next inceting of the local organization of the National Beet Growers' association, will be favorable received and pool boxes at the racetrack every day this mason. This makes \$1,344,000, 5 per cent which approved every proposition made up to the present time. This will probably re-sult in the building of a factory in that of the farmers of No.

The farmers of Nevada valley. Deer Lodge are just about through harvesting the best hay crop ever known in that section, and the City Engineer Keltey of Salt Lake has industry will in consequence thrive completed the drawings and plans fer the or the next year.

proposed improvement of the For: Douglas waterworks system which improvements, when completed, will make the system equal President Mellen and Colonel Lamont of Northern Pacific are expected to visit ite soon. This road now has 1,500 box cars in the best to be found anywhere. The en-ineering and office work on the plans were Butte soon. side-tracked in Washington, for moving the 30,000,000-bushel wheat crop.

done on request of the military authorities and by authority of the city council, the fee While the people of Chicago and the east for the service to be paid into the city treasury. The sum of \$5,000 will be expended ere sweltering in the heat last Wednesday Butte was shivering with cold. Snow fell for several hours in the forenoon and heavy on the improvements, and since the soldier oys will do the heavy work, the entire gov rnment appropriation will go for material clothing and overcoats were in demand. progress. go for materials In sinking on the War Horse claim, on

A telephone line is to be erected at once and pay for what skilled labor may be re- Mineral hill, to catch the lead, a two-foot om Oakeadale to Thornton, Sunset and St. stringer of copper ore was cut, which is pronounced to be in a malachite form. The Work will begin as soon as the ma-cin be had. ahn. rial

night crew.

asked.

However, if the beaver is about to

A savage boar attacked two horses pas-

maiming the other. The horses belonged to

WASHINGTON.

lant for evaporating vegetables.

is a first-class shipping proposition.

Kalama is showing the effects of

citizens of Ellensburg are just now

uch interested in having installed there a

rity. A large amount of street work is

ing done and other improvements are in

freton, an adjoining claim, has produced some fine-looking quartz, showing native The Latah, Wash., quadruplets, three little girls and a boy, all born at the same time, will probably be one of the attractions at the onner.

One important Broadwater industry is the The strike of Japanese track laborers or pokane fruit fair. coal mine now under course of development on Six Mile, about three miles from Toston The Duff shingle mill in Kelso closed Tueslay for want of bolts. A big drive from Green river is expected down in about three uperintendent Anderson has a force of eight then at work and is down 200 feet. The uality of the coal is extra good and the vecks, when work will be resumed. ture development of this mine means much the county.

CALIFORNIA.

there is not much danger of the disease Stockton's forthcoming pavilion display spreading. will include a woolen mill and a pottery factory in full operation.

being built at Hoquiam. These four masta A new "League of Good Roads" are each 1181/2 feet long and four more beaucently organized by the State Board of Trade, fifteen countles being represented at They were cut on Gray's harbor. ently organized by the State Board of the meeting. The Indians on the Yakima reservation Miss Margaret Craven of San Francisco,

complain that some of the squaw men who used to be employed in doing the thrashing who married a St. Louis millionaire, has had property valued at \$100,000 placed in her on the reservation have revenged themselves, because of the employment of a steam name by her husband. Freight rates on wheat and other prod-

ucts shipped east by the Southern Pacific will be increased to 60 cents a hundred bundles of grain, thereby wrecking cylinder of the thrasher. pounds on and after September 20.

The Christian Endeavorers of Alameda have started a crusade against the ern Trust company of par for \$60,000 salary warrants, to be issued \$10,000 per month, riding of bicycles on Sunday and are circuwarrants, to lating pledges throughout the country. beginning this month. The National bank made a similar offer. This will insure the employes being paid in cash, without dis-In 1896 the wheat acreage of San Bernar lino county was 300 acres. It is now 2,000 acres. Riverside county's wheat acreage is now 75,000 acres, against 30,000 acres a yea ago.

The Los Angeles Mining and Stock es change will seek larger quarters. It has ware firm there takes in over \$1,000 cash 100 members, and over 500,000 shares of every day and a leading grocer has employed stock changed hands on the floor las month

Chinese testifying to the respectability of house occupied by a man and woman ac cused of keeping a minor Chinese girl in an immoral place was a diversion in Sar Francisco recently.

Oil in Los Angeles sells for 60 cents The barrel. Efforts are afoot to form a pro lucers' pool to sell the large surplus in San Francisco, Storage tanks of 150,000 barrels spacity are contemplated.

On Sunday Pasadena had the first electric hasty construction. funeral in her history. The caske car was placed in one end of the open car, surrounded by green boughs, the mourners or cupying the seats. It is proposed to fit up a car for funeral purposes.

A petition is being circulated in the town Washington. Yolo county, asking the ird of Supervisors to order a survey of improved very materially with depth, and Board of Supervisors to order a survey of the streets of that place. It is asserted that some property owners have encroached upon

United States Treasurer Berry has sent worth of half dollars of the old issue to the San Francisco mint to be reoined into shining new half dollars of th new issue. He sent away \$50,000 mint for the same purpose on the day be-

It is reported on good authority that the indians have been slaughtering fish in Pros- yard at Carson, under their own manage-

ser creek lately most outrageously. The ment, water in the creek is low and they put in traps and then go up the stream and drive of linemen at work in Elko wiring for a to break up and Parker, Dampier and the new office that will be established there in down every fish along the way and catch new office that will be established there in them in their traps.

Los Angeles, Cal. men are about to buy 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected 500,000 tons of Comstock tailings in Six Mile of its own. A large smeller has been erected its been e

dition to following up the rich strike un-covered by the Mexicans he ran a 400-feet tunnel in another part of the mine and struck a four-foot ledge of gold-bearing rock. The best experts of Esmeraida evening it was found necessary to put on It may not be generally known, but it is

Injure

a misdemeanor to kill or trap heaver in Malheur county, and the disability will not county have examined the ledge and say if is the biggest thing in the country. be removed until after February 25, 1900.

Tests of low-grade ore in Cossolidated Virginia, on the Comstock, give an assay value of \$14 per ion. Standard has a sur-plus fund in the treasury, with July ex-penses paid, of \$27,000, and will have not you or your property in Malheur county, you can kill it and there will be no questions profits for the current month of about \$13,-000. Sierra Nevada, since its incorporation, tured on the Bellfountain fruit farm, in Benton county, last week, killing one and has collected a total of \$6,666,910 in assess-monts and has disbursed dividends amount-ing to \$102,590. The work in the mine is men working for the Green Peak Fruit com-pany. Later, the owner of the hog removed confined to the Layton tunnel and 900-foot levels. In Potosi a small streak of \$30 ors Its tusks and penned it up. When next he visited it he found the snimal dead.

has been struck on the 100-foot level. Starrett Bros, of Battle Mountain are con-

ducting an agricultural experiment station for the government at their farm three miles north of Battle Mountain, in the Humboldt valley, and the result is wonderful. They have now growing, so we are informed by Sheriff Easton, the finest speci-mens of corn, potatoes, onlons, beans, artichokes, peas, strawberries, varieties squash and pumpkin, barley, cats, alfalfa, carrois, beets and cucumbers. The exhibit is truly wonderful and demonstrates that the Humboldt river that traverses the valley for hundreds of miles could be turned into a piradise for raising the above named articles, This experiment is worth, if profitably used, of dollars to residents along the Humboldt river.

TO CURE A COLD IN ONE DAY

Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to Diphtheria has made its appearance in Tekoa, three cases having been reported. The cases are being closely watched, and cure, 25c.

NEGRO IS HANGED IN GEORGIA

Outrages a Girl and Kills a Man and The masts are all set in the new vessel the Mob Does the Rest.

MACON, Ga., Sept. 12 .- A murder was ommitted in this city this morning and this afternoon the slayer was lynched, not for murder, however, but for the crime of criminal assault.

This morning about 8 o'clock Charlie Gibson and Jim Smith, both colored, engaged because of the employment of a steam thrasher, by putting barb wire into the in a quarrel about the latter accusing the former with stealing 3 cents. Smith not inclined to fight, turned to go away, where-upon Gibson drew a pistol and shot him

The sinking fund commission of Spokane has accepted the bid of the Spokane & East-In the back of the head, killing him in-stantly. Gibson then fied. The sheriff and posse were soon in pursuit and kept up the chase until 4 p. m., occasionally exchang-ing shots with the fugitive. At 5 p. m. the murderer was run to cover and surrounded by the deputies. The negro, being well armed, gave shot for shot until brought ount. The warants draw 8 per cent interest The Klondike craze has proved to be the down by three bullets from rifles. The negro salvation of Seattle, which was rather dull before the golden boom began. One hardhad been suspected of having outraged a Miss Chapman a few uights ago and this suspicion was confirmed by his confection. lodging houses are crowded. The business at the telegraph office is six times greator than it was. hicle to convey the wounded man to the city, and while they were absent the negro

Eureka district continues to maintain its confessed to having assaulted Miss Chap-man and committing the burglarles. The exalted position in the Colville Reserve, and over 100 men are employed in developing the crowd secured a rope and swung the negro from a limb. Gibson is an ex-convict, havnines, while the camp is sustaining from 200 to 300 business men, learnsters and camp followers. The place has sprung up like a ing served several years in the chain gang, In his house were found innumerable artic cles stolen from residences in this city, mushroom in the night, and is composed principally of tents and log cabins of very many of which have been identified by own-ers. In the room were clothes and shoe

The main tunnel being driven on Washington-Anaconda group of copper mines on Beckler river for the purpose of cutting stolen from the house where he outraged Miss Chapman. There have been two cases of criminal assault in this city within two the immense ledge, is now in fifty feet, having succeeded in its purpose. The ore is found distributed all through the ledge and is weeks and three attempts. People are ter-ribly excited over the horrible crimes and this summary punishment is what the public reasonably expected.

GETS REVENCE IN THREE YEARS.

NEVADA. Shelton Dampier Kills Eastern buyers have bought upward of Parker, Who Had Him Sent to Jail. .000 head of cattle in the vicinity of Reno MACON, Ga., Sept. 12 .- A special to the the past few days.

A farmers' institute will be held at Ren Telegraph from Valdosta, Ga., says: The during fair week under the auspices and etory of the killing of Samuel Parker, a well in conjunction with the State university. known citizen of Cecil, at Hahira this morn-The farmers of Carson valley are talking ing by Shelton Dampier is to the effect that of establishing a co-operative hay and grain Parker was on his way to church and had stopped on the street to talk to some gen-

town marshal were left alone. Dampier drew his pistol at this juncture and putting

weight of aluminum. William B. Astor of New York has turned the top story of his fine residence into a workshop, in which Prof. Keeley of water motor famic has been for over a year past busily engaged in constructing an aeroplane of this precious metal. structure is found as titude acid in many of the iron ores of this state. Its high price is due to the cost of extraction. The market price of most of the metals named above is due not only to the scarceness of the ores from which they are ob-tained, but also to the fact that there are only six or eight laboratories in the world which make a business of extracting them. There is no plant in America which can treat over three or four of them, and the Buropeans who are engaged in the business keep their processes a profound secret. PROSPERITY OF THE DAKOTAS.

The people of this state, says the Sloux alls Argus-Leader, themselves enjoying Falls good times, will rejoice in the unexampled prosperity which is coming this year to its sister Dakota, North Dakota's state com of agriculture has put the of North Dakota's farm products for 1897 at the wonderful sum of \$66,040,000, or \$280 for every man, woman and child in the state. The figures given are as folows: Forty million bushels of wheat, \$35,000,000; 4,500,000 bushels of flex, \$4,500,000; 9,000,000 bushels of barley, \$3,000,000; 38,000,000 bushels of oats \$7,500,000; 3,000,000 bushels of /potatoes, \$1,500,000; 2,000,000 pounds of wool, \$240,000; poultry and eggs, \$1,800,000; milk and milk products, \$2,500,000; live stock, \$10,000,000. Someone has estimated the products of South Dakota this year at \$100,000,000. The figure is only an estimate. We are behind our sister Dakota this year on wheat, but chead on corn, barley, flax, rye, potatoes, wool. milk and milk products and live stock. It Dakota's farm products \$66,000,000 ours are not far from \$75,000,000. which would be \$210 for every man, woman and child in the sthte. It is surely a great year for the Dakotas. What an empire it would have been had the territory not been divided at statchood!

UNCLE SAM'S FORESTS.

The members of the United States Geological survey, who are now in the northwest, are gathering information as to the effect of the forestry reserve orders of ex-President Cleveland, which orders were auspended till next March, says the Portland Telegram. The geological survey, headed by Charles D. Walcott, director, has been directed to make a survey of the differout forest reserves, gathering data for a topographical map showing the distribution and extent of the forests. Improvements such as townsites, farms, mines, roads and the like will be shown on the maps. In the furtherance of this task the Department of the Interior has a force of thirty men at work in Washington. In the forestry reserve two parties are now engaged in the Washington reserve, one near Lake Chelan and the other near Monte Cristo. The in-formation now being gathered by Director Walcott and his assistants will be laid before the president and the secretary of the Interior. On this information will be based President McKinley's policy concerning the reserves. Under the law the secretary may with the approval of the president, after sixty days' notice published in a newspaper of th state or territory in which the reserve is situated, restore to the public domain any land that has been dound to be better adapted to agricultural or mining purposes than for forest usage. The united States is the only apart large areas of timber land as for est reserves the government has taken merely a preliminary step looking to the conservation of its timer sreas and natural forests. The act of June 4 last authorizes the secretary of the interior to establish such a system of forest patrol as is found in other countries. This is the only feasible way that has been promulgated thus far by which there is any hope of saving the for ests from destruction by fire and timber vandals. The forest reservations in the United States cover an area of 60,000 square miles in extent. Among the largest are the Washington. Mounit Ranier and Olympic, in the state of Washington. There exists a great deal of misapprehension concerning the effect of the act of congress and the setting apart by the government of these forest reserves. Under the law, no obstacle

north part of the district last week. The Andrews Bridge company has been awarded the contract for building the bridge across the Provo river at the mouth of Provo canvon Quartz from the Gold King group on Gold

nountain is reported by the Salt Lake States court. The state's attorney of Fall River county will now prosecute the case. Tribune to have returned an assay value of \$6,000 per ton. Tramps began to rob and pillage stores Eastern people are reported to have bonded t Conway, a small town in western Walsh the Crown Point group in the Mercur dis unty, North Dakota, a few days ago, The The properties are prospects that trict. ity marshal and a posse captured three of give fair promise

the ringleaders after a hard fight and placed them in the city jail. At 1 o'clock Sunday Samples of gold quartz received from the Gold King mines at Maryvale yielded as much as \$6,000 per ton. The vein is five feet morning the jail was discovered on fire, and before the flames could be extinguished one the vagrants was cremated and the other with the high-grade streak running two have since died of frightful burns. It is through It. Golconda mountain, at the head of Kess

the men tried to burn a ler's canyon, in West Mountain mining dis-trict, promises to furnish the scene of a through which they could escape, and the gold mining excitement at an early day, and already the tide is setting that way. The Waln-Williams property at Bull Camp There will be the usual dividend of \$37,50

will be opened up again in a few days. The mine is now 100 feet deep. from the Silver King this month, this amount increasing the total to \$1,165,000, and with ore enough in sight to increase the dividends The finest quality of hay raised anywhere daily brought to Cheyenne by ranchmen for an indefinite period.

Shipments of guicksilver are again being A postoffice has been established at Elk. made by the Mercur Mining company. The metal is saved in retorting the cyanide prod-Uinta county, Wyo., and Maggie Cunninguct turned out by the mill on the company's Some very rich copper float was found in the vicinity of Bull Camp during the last week, which will average 70 per cent. property, the ore treated at the plant carry ing considerable of it in various forms. The Red Wing Mining company of Bing

The preparations for Frontier day at Cheyham is working three shifts in the develop one have so far progressed as to assure ment of its Markham gulch mine, and in this its complete success. An at novel program will be given. An attractive and work a lower tunnel is being run for the purpose of cutting the ore body at a depth of 150 feet below the upper workings. The The Union Pacific shops in Cheyenne have

not seen so prosperous times in years as at the present time. Commencing last week upper tunnel is also being extended. Water for sluicing purposes is not a all shopmen are working six days every plenty in the Osceola district as was at first week, only laying off on Sunday. believed it would be. In fact it is scarced

now than it has been for several years. The reason given is that while there was an abundance of snow fall, a large part of it Last Saturday there were taken over the Sheridan hill 260 cars of cattle, requiring wenty-three engines to do the hauling. This, with the regular trains, keeps the train crews very busy and adds much to was below the point where the ditch could catch the water as the snow was melted. their salaries. In 1892 the Bullion-Beck Mining company

Many Douglas ranchmen are experimentat Eureka marketed 200 or 300 tons of or ing this year with the variety of wheat known as "Seven Head." The seed, which that was sold on controls showing gold values of \$400 to the ton. This ore was came originally from India, was brought to this section by Mr. Andrew Christian of Pleasant Hidge. It is a wonderful producer. taken from a deposit of mineral six feet wide in the shaft in sinking from the 650 to the 800-foot level, and now that silver has Samples of this wheat may be seen at this office, raised this year on the La Preble by dropped out of sight, it is the intention of the company to look for this ledge. A drift Mr. B. C. Wheelock, which show no less will be run on a small vein of quartz that

Drex L. Shooman has on a pair-Hanan Shoes-from that big shipment we have just received-the new fall styles -in all the latest toes-shapes-and colors-with double or single sole-full calf civilized nation that has not inaugurated a system of forest patrol for the protection of its forests," says Mr. Walcott. "In setting beauty about the Haran shoe is that it beauty about the Hanan shoe is that it is a regular foot form shoe-fits from the start-and will outwear any other shoe made-of course it's not awfully cheap priced-but you get more than your money's worth when you buy shoes here -and there isn't a shoe at the price that will compare with the Hanan.

> Drexel Shoe Co., 1419 Farnam Street

each borne by six pall-bearers, al ity Sheriff Liggett was on the trail of the missing cattle. Over 400 ounces of gold were shipped from The citizens of Kendrick, in Lata county last

ave turned out en mass to wage war against pears, which threaten an invasion of the towns and orchards. A band of bears Thurs-day night entered several orchards less than a mile from the town and almost ruined them in their efforts to secure the fruit. As

as fifty returned last evening nany efore dark and were killed. One man left his ranch and came post haste to town, say-ing his place was full of bears of a ferocious type. Failure of the wild herry crop in the

nountains is responsible for the invasion. At Canyon Ferry the great dam is being rapidly pushed to completion, about 125 men being employed upon it and the excavations

for power houses. The dam will be about 1,000 feet long and will raise the water in the river about forty feet. The ends are of earth faced with abutments of granite blocks

taken from the adjoining cliffs. The middle portion, a space of about 600 feet, is a network of huge timbers, fastened together with spikes as large as drill steel and about

three feet long. The spaces between the timbers are being filled with rock taken from the cliffs nearby. The power houses are to be on the Lewis and Clarke side of the river. Superintendent E. H. Dewey of the Florida

Mountain Mining company has received in-struction from the eastern offices of the company to discontinue all work upon the property at Boonville, near Silver City. This acis due to the outlook for the white I. It is understood that the order in-

metal. cluded the operation of the Dewey company at Willow Creek. A large force of men have been employed in that district by the company, but developments have not been suffi-

ciently encouraging to warrant a further expenditure of money in the face of the de-pressed silver market. So far no other of the Owyhee county mines have shown any tendency to close and from the best information obtainable there is no immediate dan-

MONTANA.

ger of it.

Joseph P. Wenrich, proprietor of the Butte Sunday Mercury, a vile publication, has been arrested on a charge of criminal libel.

The commissioners of Missoula county are onstructing a much-needed road from Thompson Falls across the hills to the mines of Murray, Idaho. Considerable comment, was aroused at

Anaconda and Butte by the refusal of the Anaconda company to close down and permit its employes to celebrate Labor day. The Northern Pacific survey from Laks

creek north shows Sylvapite to be situated on section 39. The section being even-numbered, it falls upon government land. Owing to a shortage, work on the Mon-

tana school of mines has ceased. Butte will probably contribute enough to finish it. Then the football team will be revived. Under the new state law \$50 in work must be done on a claim within sixty days after posting the preliminary work. Ordinarily it day. Nice men are employed at the ware week

anyon, which went through the Gould & Curry mill in the '60s. Including quicksilver. figured that the deposit wort 2,000,000. The buyers propose building plant that will treat 400 tons daily. Colonel Lyman Bridges, engineer of the Oakland Board of Trade, declares that San Lean-dro harbor is to be improved by an incorporated company. He says it does not ask

a government appropriation, but build a canal for the development of manufactories and the promotion of shipments. OREGON.

> The revenue of the city of Astoria will fall short this year on fines and forfeitures at least \$7,000, and probably more.

Ontario will have six days racing this fall beginning September 27. Purses amount of of \$1,180 will be offered. to th The woolen mill in Salem, says a local

paper, is running on full time, making goods foot breast of ore that mills \$20 per to fill the orders continually crowding in in gold. In another ledge an eight-foot body upon the management. Sheepmen of Gilliam county say that the

ton. grass is drying up pretty fast in the moun-tains and that the sheep will be taken to News has reached Carson City of a bla their home range earlier than usual this acason

The first train load of fine beef cattle eve hipped from Myrtle Point was made up by Russell Dement last week. The train con sisted of seven cars and carried 127 head of fine large beef cattle.

A placer mining company operating on the Baker county side of Powder river, one and one-half miles from its mouth, has a floating flume a quarter of a mile long, three feet wide and a foot deep, and a few men there are getting big paying results.

The cannery at Marshfield ran short on cans last week and had to stop the receip of fish for one day, but is now in operation and is canning all the fish received. Superintendent Five says that they are now abl to take care of 2,000 chinooks a day.

The Brownsville Woolen mills are so crowded with orders for goods that the ma-chinery is kept humming from daylight until dark, and some of it day and night, says the Brownsville Times. On Wednesday last the wages of employes were advanced 5 per cent. It has been decided to have a training de partment in connection with the Norma

school at Weston, the pupils to be taken from the seventh and eighth grades of las year. Primary grades will be added to the school only in the event of a demand for them.

The Vale Advocate says that in the canyo of the Malheur there is a small active anima unlike anything described in the natural his

tories. By people living on the Malheur is is called a "rocket cat," although it is very unlike the common stubtail wild cat, o which there are many in the county.

Four thousand five hundred sacks of wheat were received at the Pacific Coast Elevato company's warehouse in Mission, Umatilla county, last Wednesday. During the last the receipts averaged 2,600 sacks

near the river and a spur track has been built from the main line down to the mines. Tuscarora Times-Review: From all ap- shal, Dampier waved his pistol in his face pearances the cattle shipments from this and defied him, threatening to kill him i section will not be heavy this season. Many he moved. The desperado then turned an cattle owners, in view of the large supply of made his escape. Every effort will be made hay, prefer to hold over until next season and allow their herds to increase. The cause of the tragedy is said to date

back three years, when Dampler was prose-cuted for stealing some meat from Parker. C. D. Wolcott of Helena, Mont., will arrive in Nevada on the 22d with a corps of ical and topographical survey of the entire chain gang. He swore vengeance at the Silver Peak district. It will require several time, declaring that he would kill Parkop months and be of great advantage to the district. It will cost \$23,000. Dampier was convicted and sent to the chain gang. He swore vengeance at the

seven months ago. Today was the first time News comes from El Dorado canyon, Linthat he and Parker have met since. Parker was known as a peaceable citizen and leaves coln county, that the largest bodies of ore ever found in southern Nevada have been a wife and seven or eight children, Dampies opened up in the Techaticup and Wall Street mines, owned by the Southwestern Mining was a young man of rather unsavory repucompany. One of the ledges shows a fiftytation.

Arnold's Bromo Celery cures headaches, 10c, 25c and 50c All druggists.

of ore runs over five ounces in gold to the ton. There is enough ore in sight to keep JAPAN ORDERS A NEW BATTLESHIP. the fifteen-stamp mill busy for five years.

Will Be a Sister to Skikoshima and Will Be Built on the Clyde

strike in the Big Injun mine near Coryville welve miles from Hawthorne and on the line SAN FRANCISCO, Sept. 12 .- Japanese ade of the Carson and Colorado railroad. The mine is owned by W. D. Toby of Carson, Senator cices were received by steamship Gaelie The Japanese government has given an order Forbes of Hawthorne and Colonel Boyle of to Messrs. Thompson & Co., the Clyde ship, Gold Hill. It has not been worked in a number of years, except for a little assess-ment work each fall. Last fall the mine 17,000 tons, a sister ship to the Skikoshima. was leased to a few Mexicans, with the object It is also contemplating the building of a of getting annual assessment work done. The Mexicans struck a good body of ore first-class cruiser of 9,000 tons at Yokosuka The Maiuchi states that the Chinese gov but preferred to spend what money they ernment is negotiating with a forsign syndi-earned in having a good time at Hawthorne cate for a loan of 100,000,000 tacks for the to taking full advantage of their luck. Their purpose of paying off the balance of inearned in having a good time at Hawthorne to taking full advantage of their luck. Their ease expired a short time ago, when it was demnity to Japan and it is believed that the matter will soon be brought to a successful taken up by William Watson, a well known nining man in southwestern Nevada. In ad- issue.





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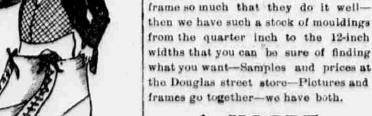


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