

ON TO THE NORTH

Prof. Swensberg Describes His Journey

OVER THE CALIFORNIA HEIGHTS

The Mountains and Valleys, the Mines and Orchards of That Far-Famed Region of Sunlight.

[LETTER NO. XXXII.]

At Colfax our party, occupying eighteen Pullman sleeping cars, finds itself making up trains for the return trip to Chicago, with such changes of passengers from one car to another as to enable each one to return by the route he had chosen.

Stopping at such places as were desired and which furnished the editors with changeable from topics for newspaper articles and letters. Many regrets were expressed that there must be a separation at this point—many side trips were made for the purpose of visiting the different portions of California and to see its diversified interests.

Siskiyou Visited.

Siskiyou is at present one of the leading mining towns. Every stream and gulch in the southern and western portion of the district is said to contain gold and quartz. Fluvial, hydraulic and deep channel mining is carried on in numerous localities. Much of the placer mining is done in the old fashioned way, and good results are obtained. There are also mines of iron, coal, copper, tin, marble, stone, onyx, etc. The Klamath river meanders nearly its whole length of 150 miles, by means of wing dams with current wheels to work the derricks, pumps, electric lights etc., while huge dip-wheels raise water from the sluices. Siskiyou county is said to have inexhaustible resources of rich gold-bearing quartz, as yet scarcely touched.

General Scenery.

On the western slope of the Sierra, and within a small belt, can be found the grandest scenery in the world. At the foot of Mount Whitney, the highest mountain in the United States, (14,960 feet) is to be seen at a great distance. Also three of the grandest canyons and valleys on the continent. One of them rivals and even surpasses Yosemite in the attitude of its surrounding cliffs. (So says Prof. Whitney). The walls rise at various points from 3,500 to 6,000 feet above the base. At the head of this valley, occupying a position similar to Half Dome in Yosemite, is a wall nearly vertical, between 5,500 to 6,000 feet high. In these valleys are the highest waterfalls, and grand and sublime scenery. The big trees of this section are said to surpass those of any other locality.

Plumas is strictly a mountain county, extending on its eastern side to the crest of the Sierra Nevada range; its scenery is wild and picturesque, being made up of snow-covered mountains, whose slopes are clothed with magnificent forests, high ridges alternating with dark canyons and ravines. From the base of the Sierra divide a series of valleys stretching across the country in a southeasterly direction, connected with each other by canyons, passes, or low divides. The highest mountain on this range is Lassen's Peak, 10,777 feet.

Valuable Quartz Lodes.

Mining is still an important industry in Placer. West of Auburn and about Ophir are a number of exceedingly rich quartz mines, which in the eastern part of the county some valuable discoveries of quartz lodes have lately been made. On the ridge between the north and middle forks of the American river are situated the deep gravel mines, said to be the richest in the state. In this section are still unexplored fields, offering the highest inducements to the capitalist and working miner. Placer county occupies the vantage ground in transportation. It is traversed by the main trunk line of the shortest route across the continent, which places the producer one day nearer the eastern market than any other shipping point in the state.

Along the base of the Sierra there is a warm belt of country ten to fifteen miles wide. In the central part of the state this belt begins at an elevation of about 300 feet above the sea, but as it trends to the south its elevation is increased. The climate in the belt is especially adapted to the growth of semi-tropical fruits, while the time of ripening is in advance of the country below the belt. This belt has become famous for its climatic features. The theory of its existence is related in a few words. As the sun sinks the upper stratum of the air in the valley and foothills is cooled and being heavier, flows down into the valley and the warm air rises. This motion is aided by the cool winds from the ocean which begin to reach the interior late in the day. Hence at night the atmosphere is warmer on the hills than that of the valley, and the growth of fruit and trees receives check. This thermal belt in Placer extends from about Rocklin midway between Newcastle and Auburn. Cherries are shipped as early as April, apricots and raspberries ripen in May, and oranges are shipped by the middle of November. They claim that the heat is never oppressive. Michigan Bluff, Forest Hill, Iowa Hill, Ophir and Sheridan are also places of importance.

For fully thirty miles along the mountain banks and flats of the Sacramento river can be seen a continuous growth of bearing trees, vines and flowers, which produce all varieties of fruit. For excellence of flavor and keeping quality, the Bartlett pears and peaches claim special merit, for the measurable records of higher prices and better demand in all eastern markets.

Highest of all in Leavening Power—Latest U. S. Gov't Report.

Royal Baking Powder ABSOLUTELY PURE

is demonstrated in favor of those lines.

On the banks of the romantic and world-renowned American river are many magnificent orchards and vineyards, one in particular, that of the Natoma company, which is said to be the second largest vineyard in the world, there being about 1,500 acres in actual bearing. The annual production of wine from this vineyard is over 600,000 gallons.

The banks and beds of the American river have produced wealths of gold. Some of the finest nuggets ever found were found here.

The Sacramento river was at the extraordinary height of twenty-seven feet at the time of our visit, and it appeared like a lake.

Our visit to Grass Valley and surroundings was a most delightful one. We regretted that we could not remain longer to enjoy a few of the delightful summer evenings of this favored region and to inhale more of the pure, cool air of this mountain town, which lies nestled among gentle rolling hills surrounded by gold mines, rippling brooks, productive orchards, grain fields and flowers.

No Mosquitoes Feared. Though the summer days are occasionally warm, the evenings are invariably cool and pleasant, without even the hum of mosquito to mar the pleasure of the twilight hours, or to present her bill for newspaper men's blood.

Grass Valley is among the oldest, largest and most prosperous of the gold quartz mining towns in California. It is the metropolis of the county and of the Sierra Nevada foothills, possessing a population of from seven to eight thousand. It is situated in what in the early days was a beautiful valley, carpeted in grass and surrounded by verdure-lad hills, now occupied by business blocks and neat as well as beautiful, picturesque homes. That the sights about here, with the practical mining operations of quartz gold, was a novelty to most of the newspaper men and newspaper men's wives and daughters are of course somewhat familiar with the "finished product" of gold mines, but few of them ever saw the interesting process of extracting the "raw material from the bosom of Mother Earth" and preparing it for market.

Though the buildings and plants of the ordinary gold mine are not so imposing in their magnitude and elegance as are our eastern manufacturing establishments, yet there is an exciting charm and a glittering about the arctic that is turned out from these rude structures that makes it and the process by which it is obtained of absorbing and fascinating interest. The visitors were men and women from all parts of the country, and were glad of the opportunity to be shown the great resources of the Golden Gate state.

We now bid adieu to Grass Valley and its people. May they ever prosper and be happy.

Greatest Orchard.

The greatest orchard in the world, the famous orchard of Hatch & Rock at Rio Bonito, covers 2,000 acres. The splendid orchard of General John Bidwell at Chico, late prohibition candidate for the president of the United States, numbers 25,000 bearing trees and 40,000 trees not yet in bearing. The fruit product in 1922 was 5,500,000 pounds. There are 10,000 peach trees that yield 2,400,000 pounds, or an average of about 250 pounds per tree. A single cherry tree bore 1,800 pounds in this orchard. General Bidwell has over 22,000 acres of the finest land ever looked upon. There are many other fine fruit orchards in this section.

Olive and fig growing is becoming quite extensive in that section of country.

St. Helena gave our party a most royal reception. It has many handsome buildings and is surrounded by fine vineyards. One of the numerous wine cellars is built of cut-stone and is very handsome. It has a capacity of over 3,000,000 gallons. The whole country about St. Helena is beautifully picturesque.

Our next letter will be Mount Shasta. C. G. S.

Stewart Banjos

All grades at Fues & Weeden, 17 Fountain street. Open every evening.

Closing out sale of holiday goods at a bargain at F. J. Nichols'.

"How Are Watches?" The finest line can be found at the oldest jewelry house in the city. R. D. CARSTEN'S, 44 Canal street.

Handsome Goods.

T. J. Nichols, No. 65 Monroe street, is showing a very handsome line of holiday novelties, which ladies would enjoy inspecting. Mr. Nichols made the selection only after a careful inspection, and each pretty article shown is a novelty in all respects. Ladies will find handsome and appropriate Christmas gifts in this assortment, and it is to their interest to examine the goods. Mr. Nichols' stock of dress goods, cloaks, ladies' underwear, etc., is also large and complete and shows some splendid values.

Travis gives you some great values in new and second-hand stoves.

Fine Goods.

The display of holiday novelties made by Zerley & Carsten, the well known jewelers, eclipses any they have yet shown. It is interesting to look over this firm's stock of goods, as one sees so many rich and elegant novelties. An unusually large line of novelties in silverware, rings, opera glasses, etc., will be observed and the stacks of watches, etc., well deserves the praise each visitor gives them. No one can afford to miss examining the stock of holiday goods Zerley & Carsten is showing.

We are showing a beautiful line of sideboards, ranging in price from \$20 to \$200. NELSON, MATTER & CO., 33 to 39 Canal Street.

Fine Christmas Presents.

Adams & Co., No. 99 Monroe street, are giving great bargains in hats, bonnets and Christmas novelties.

If you want a first class watch, call at the oldest jewelry house in the city. R. D. CARSTEN'S.

What would be nicer for a Christmas present than a sideboard or bookcase, or some other handsome article of furniture? See our line. NELSON, MATTER & CO., 33 to 39 Canal st.

PRACTICALLY NEW QUARTER

The Handsome Music Emporium of Julius A. J. Friedrich—A Handsome stock.

Visitors to the handsome music emporium of Julius A. J. Friedrich, 30 and 32 Canal street, cannot help but reflect as they enter the doors and think of the wonderful effects a painter and a carpenter can make in a piece in a short time. For some time past painters, carpenters and electricians have had Mr. Friedrich's place of business under their charge, and in that time a complete metamorphosis of the interior was made. As it is now, it has been transformed from a dark, unattractive place to a bright tower of beauty. The ceilings are graced with an elegant pattern of paper; the walls have received a complete set of new shelves and cases; a large passenger and freight elevator has been added; the floor improved and changed to another locality, and many other improvements equally attractive were made. In the ceiling a large number of incandescent lamps have been placed, which when lighted gives a pleasing and splendid effect.

In addition to the improvements to the store, Mr. Friedrich for the holidays increased his stock and added many new features, all of which should be appreciated by patrons and friends alike. In addition to his musical instruments Mr. Friedrich is showing a line of books and nick-nacks such as are pleasing to the young. No one should fail to visit this practically new musical emporium; an hour could be pleasantly spent looking over the immense line of holiday goods that are being shown.

FOR THE HOLIDAYS.

The Western Beef and Provision Company Will Be in Line With a Fine Display.

Although enjoying a most remarkable business, the Western Beef and Provision company will find time to make a meat display the like of which was never seen in Grand Rapids. For the Christmas display a large lot of the choicest meats to be had has been ordered. The Western Beef and Provision company makes a specialty of the fine quality of meats they handle. The carcasses come from a section of the country where the best meat in the world is raised, and Grand Rapids are more than fortunate in being enabled to eat beef that has been raised in the great corn belt of the west. Another thing that makes this firm so popular in this vicinity is the very low figure they place on their goods. It is a conceded fact they offer better inducements than what will be found elsewhere. Time and time again has THE HERALD published schedules of prices offered by the Western Beef and Provision company, and people have often marveled that such low rates could be given. It is done, however, and the public is thereby benefited.

Auto Harps

A full line at Fues & Weeden, 17 Fountain street. Open every evening.

Beautiful Christmas Presents.

44—You will miss it if C—You don't see the A—Complete line of N—Watches, diamonds, A—Jewelry and silverware L—Novelties R. D. Carsten S—Has on display. Sure T—to please the most R—Fastidious and guaranteed E—to be the F—Finest quality ever T—Shown in the city.

Opens the Holiday Season.

Detenthaler opens the holiday season in superb style, decorating his entire market front with an array of choice games that includes every trophy of the red and gun. Yesterday a display of delicacies, such as only a thoroughly progressive and enterprising dealer, possessed of unusual facilities for the business was offered. Several choice deer from the central figures in the groupings, while the rabbits and squirrels formed festoons, rosettes and graceful wreaths about. The feathered tribe was represented by pheasants, quail, prairie chicken, woodcock, meadow lark, dove, quail, snipe, goose and turkey. The front of this busy market was a sight to delight the hunter and the epicure. Inside the usual display of game and food fish was shown. Scarcely any desirable specimen for table use, either of fresh or salt water, was omitted. The system counter was a center of attraction for a seething throng all day, and no sooner did the unsuspecting bivalves show themselves upon the surface of the tanks than they were seized and carried away to grace a Sunday feast. It was a great day for game. Detenthaler is a game man for your life.

Holiday Novelties.

There are few displays of holiday novelties in the city that compare favorably with the one made by E. J. Hervey, the well known and reliable jeweler. His Christmas stock this year is par excellence. People in search of gifts should look over the assortment of solid gold and gold filled watches, diamonds, clocks, opera glasses, silverware, etc., Mr. Hervey is showing. He will give you some excellent bargains.

George D. Herrick.

George D. Herrick wishes to announce to his numerous friends that he has opened a music emporium at No. 17 Fountain street, where he would be pleased to see all his old patrons and the public in general. Mr. Herrick for a number of years was in the musical instrument business in this city, and has a host of friends that wish him well in his re-establishing himself in the mercantile circles. Mr. Herrick will handle a fine line of pianos and organs, among which will be found such well known makes as the Decker Bros., Everett, Petr Bros. and Wegeman & Co.

Violin Strings

In fact, all kinds of strings and musical merchandise at Fues & Weeden, 17 Fountain street. Open every evening.

Be sure that the cut of mill is on every sack of LILLY WHITE Flour that you buy. VALLEY CITY MILLING CO.

Fine Christmas Presents.

Adams & Co., No. 99 Monroe street, are giving great bargains in hats, bonnets and Christmas novelties.

If you want a first class watch, call at the oldest jewelry house in the city. R. D. CARSTEN'S.

What would be nicer for a Christmas present than a sideboard or bookcase, or some other handsome article of furniture? See our line. NELSON, MATTER & CO., 33 to 39 Canal st.

HERE WE ARE AGAIN!

We are bound to make things interesting in LACE and CHENILLE CURTAINS for the next three days.

SPECIAL CURTAIN SALE!

Commencing Monday Morning, Dec. 12, to last for three days only, we shall have a special sale of Lace and Heavy Curtains that you cannot afford to miss. What makes a more appropriate Christmas present than a pair of nice Curtains? Remember that these are not an old stock, but fresh new goods just received, but we do this in order to reduce stock before inventory. Below are just a few samples of the prices:

LACE CURTAINS.

- 99c a pair..... Former price \$1.50
\$1.25 a pair..... Former price \$1.75
\$1.50 a pair..... Former price \$2.00
\$1.75 a pair..... Former price \$2.50

CHENILLE CURTAINS.

- \$3.37 1/2 a pair..... Former price \$5.00
\$4.19 a pair..... Former price \$6.00
\$4.42 a pair..... Former price \$6.50
\$5.39 a pair..... Former price \$6.75
\$6.79 a pair..... Former price \$8.00
\$7.39 a pair..... Former price \$9.00
\$8.19 a pair..... Former price \$10.00

We have a magnificent line of higher priced goods proportionately cheap. These are not fictitious prices like so many so-called sales, but right down facts. We are not up to the modern styles of advertising, but always do just as we advertise.

Voigt, Herpolsheimer & Co.

78, 80 and 82 MONROE STREET.

M. H. LAMOREE, DENTIST. Vitalized Air for the Extraction of Teeth Administered Free. All Work Done at Moderate Prices and Guaranteed First Class. Office open from 9 a. m. to 9 p. m. Sundays from 9 a. m. to 2 p. m. Office 45 Monroe Street, Over the 5 cent Store, Grand Rapids, Michigan.

MICHIGAN PRINTERS. We find it to their best interests to get our prices on TYPE and PRINTERS' IMPRINTS of all kinds, as well as FLAT PAPERS, CARDBOARDS, RULED HEADINGS, etc. We are the largest Printers' Supply House in the State. Write for Catalogue and Discounts. HARRIS' PAPER HOUSE, 33 North Ionia St. Grand Rapids, Mich.

SAFE INVESTMENTS

FOR THE Capitalist, Merchant, Manufacturer, Mechanic and Laborer!

We can sell you a good lot, 50x125 feet, in the Muskegon Improvement Company's addition, Muskegon Heights, Michigan, for \$200.00. You can realize a profit of 100 per cent on this property. Terms to suit. We can sell you a good lot, 25x150 feet, adjoining the "Heights" in Charles M. Steele's first subdivision, for \$50.00. Terms only \$2.00 cash and 50 cents a week, or \$2.00 a month thereafter until paid for. No interest. We guarantee a good profit. Write for particulars. We can sell you a lot in Charles M. Steele's second subdivision for \$39.00. Terms, \$2.00 cash and 50 cents a week until paid for. Write for plats, views, etc., sent free. We can sell you one of our Hackley Park lots for \$25.00. Terms only \$2.00 cash and thereafter 50 cents a week until paid for. Stop a moment and think. Your choice of a good lot for only \$25.00. Plans and information sent free upon application. Don't miss these golden opportunities. Send us an order today. We refer to any of the National Banks in Muskegon. This manner of saving money will be far more profitable than Savings Banks or Building and Loan Companies, and more safe. Real estate is the foundation and base of all securities. If you have anything to sell or trade write us, with full particulars, including stamp for reply. We have customers all over the country. We have for sale or exchange a beautiful home, house and 20 lots. House contains ten rooms, porch, shrubbery, shade and fruit trees, stable, etc. Adjoins Hackley Park assembly grounds. Must be seen to be appreciated. Address all letters to STEELE & AYRES, Successors to Chas. M. Steele & Sons, MUSKEGON, MICH.

RUPTURES

Destroy Comfort

RUPTURES ARE DANGEROUS

Ruptures Cured!! \$5.

We neither perform operations, nor treat cases. Dr. S. Clay Todd guarantees to reduce the rupture one-third or one-half its size in 14 days. Medicines sent to any address on receipt of \$5. Not sold at drug stores. Call or write free. Letters answered promptly, free of charge, by Dr. Clay Todd, the famous specialist, 14 North Division street, up stairs, rooms 1 & 2, Grand Rapids, Mich.



Dr. S. Clay Todd

The Famous Nerve Specialist, No. 16 North Division St.

GRAND RAPIDS, MICH.

Cures Paralysis, Twitching, Pins and Needles, Trembling, Stammering, Nervousness, Headache, Back or Neck Pains, sometimes running down the arms of back, Dizziness and other symptoms leading to paralysis. Nervous Debility and Female Complaints and Chronic Diseases. Consultation free and confidential. No charge for services until cured. Directions in all languages.

RHEUMATISM ALWAYS CURED

CATARRH AND HEAD NOISES CURED

FITS AND ALL NERVE AND BRAIN DISEASES CURED

THE ONLY ONE WHO CURES DEAFNESS

Catarh, deafness, rheumatism, nervous debility, impotence and all diseases resulting from early indiscretions and excesses cured. Specialties of the urinary organs, partial paralysis, varicocle, tumors, acrofolia, old sores, dropsy, skin diseases, liver and kidney complaints, heart disease, shortness of breath, back of head, small of back, etc., including all female complaints and chronic diseases cured quickly and permanently.

That cough, slight fever and weakness, shortness of breath, palpitation of heart, may mean more or quick consumption. If you are nervous, restless, irritable, sleepless or wake after horrid dreams, tired morning, with a dull headache, bad taste in the mouth, sometimes discharges, and so about your employment without energy or ambition, desire to be alone, gloomy forebodings, a disposition to worry and fret about troubles ahead that never occur, spells of feeling afraid or uncertain, sometimes loss of spirits, you are suffering from nervous debility and exhaustion of nerve power, which may end in utter prostration, insanity and death.

If you have a great amount of weakness and nervousness, with tired limbs, numbness, trembling, prickly sensations, cold feet and legs, you are advancing to that most serious disease—Paralysis. If your head aches, feel numb and tired, with strange sensations, loss of memory, and you think with difficulty or you are sleepless at night, with drowsiness and dullness during the day, the nerve and brain fatigue may soon run into insanity or death.

If you have any of these feelings do not neglect them, or they will ensue: paralysis, insanity, prostration or death. As you value your life do not neglect these warnings. Time and experience has shown, and hundreds of startling and marvelous cures have proved, that these diseases are preventable, and completely cured by DR. S. CLAY TODD, 14 N. Division street, rooms 1, 2 and 4, Grand Rapids, Mich. Under the use of DR. S. CLAY TODD'S remarkable remedies all these symptoms speed as if by magic, and strength of nerves, vigor of brain, vitality of blood and health of body are soon restored.

His remedies are purely vegetable and harmless, and can only be obtained at his office. Dr. TODD compounds his prescriptions before each patient in his office. Dr. TODD'S office is at 14 N. Division street, rooms 1, 2 and 4, Grand Rapids. His medicines agree with the stomach, and you can eat anything you choose. His office from 9 in the morning until 9 in the evening every day but Sundays. Call everybody. A friendly talk will cost you nothing. Low charges. Rapid cures.