

# SISKIYOU GREATEST MINING DISTRICT

Writer Tells of Vast Mineral Resources of Siskiyou Range—Advice to Miners Is to Stop Knocking and Dig a Little.

W. G. Mercier, economic geologist, has prepared the following interesting article on the Siskiyou mining district:

The Siskiyou mountains are a part of a group or complex system of mountains comprising the following different ranges: The Siskiyou, Salmon, Trinity, South Fork and North Yolla. These mountains were named the Klamath mountains by the late Major Powell, then director of the United States geological survey. This is not only a very convenient but an appropriate term, and is coming into general use. The Klamath mountains lie at the meeting point of the Sierra Nevada, the Cascade and the Coast range. The region under consideration takes in part of Southern Oregon and Siskiyou, Trinity, Humboldt, Del Norte and Shasta counties, in California. It is the purpose of the writer to consider this vast mineral bearing area from the viewpoint of the economic geologist, and as the subject is too varied and extensive to be covered by a single contribution, I will, if agreeable to you, Mr. Editor, write a series of articles on the geology and mineral possibilities of this rich and little developed territory.

I will begin by describing as briefly as possible the gold and copper region between the crest of the Siskiyou range and the Klamath river. The rocks of this range (the Siskiyou) are principally granodiorites, and granites of different ages, slates, limestone, altered to impure marble, and large areas of schist, chlorite and mica schist. These schists are the oldest rocks geologically. They are the old paleozoic sedimentaries metamorphosed and altered by heat and pressure, and they have been uplifted, disturbed and contorted by the intrusive granodiorites and granites of later age. It is in the schists above described that the great copper deposits of the Klamath region occur. The gold occurs in fissure veins in the schist, or in contacts of serpentine and diabase, contacts of granite and slate, and in various other forms of deposits. A great variety of the useful elements should be found in such favorable formations, and in fact a number of useful minerals are found here.

The whole region from Hornbrook to the Pacific ocean is mineral bearing. Many gold camps have been producing large quantities of gold for the last 60 years. Beginning at Hornbrook, a very rich gold district, there is a continuous succession of gold mines for nearly a hundred miles west on both sides of the Klamath river. Ash creek, Oak Bar, Scott Bar, Hamburg, Happy Camp and many other localities down the river, have great reputations as gold producers. Scott Bar is celebrated for its gold-bearing schists. Quartz Hill is a small mountain of quartz and schists, which is being hydraulicked for its rich gold contents. In this neighborhood are vast quantities of low-grade gold ores that will some day be developed into other Homestake mines. Transportation is all this region requires to make it one of the foremost mining counties in the west. Despite the many millions that have been taken out of the Klamath river and its bars, mining is more active than ever. Not only are the old hydraulic mines still producing, but the dredger man is now on the river, and more of them are coming. There is room for hundreds of these gold-digging machines on this grand old river, and in a few years they will be there.

Happy Camp appears to be the focus of copper development at present. Several immense copper deposits have been proven here in the last year or so, and many more are rapidly coming to the front. It is not for lack of copper prospects that marked activity in developments has taken place around Happy Camp, because the outcrops are no better or more numerous here than in many other localities in the area under consideration. But capital, that all-needed and vitalizing element so much required in serious mining undertakings, has been at work in that neighborhood, and the district was fortunate in getting the right kind of people interested in their prospects. The writer believes that many of the rare and much-sought-after elements will be found in paying quantities in this interesting region. Gold, platinum, iridium, chrome and copper are found at present. Why not pitchblend (uranium ore), from which radium is extracted? Pure pitchblend is worth about \$2 a pound as it comes from the vein or mine. The different ores of tungsten are much sought after also. Tungsten ore that carries 60 per cent tungstic acid is worth about \$300 per ton. Monazite sand oxide of thorium is common in

North Carolina and Idaho and is worth about \$250 per ton. There is a very active demand for this sand. The granitic and schist areas of Siskiyou county are very favorable for the finding of such ores. They are also favorable for tin ores. I have seen some very fine specimens of tin ore picked up in the Siskiyou mountains in Southern Oregon. Samples of the above-mentioned ores can be seen at the writer's office in Yreka. Particulars as to use, occurrence and price of such ores, etc., will be gladly furnished to those wishing to prospect for the same. Qualitative determinations will be made free of charge. I am satisfied good deposits of these rare metals will be found in this great region, and I wish to encourage the prospecting for them. It is outside the scope of an article of this kind to go into the minute details of the geology of this vast region. Should any one desire such details they will be gladly given.

In my next contribution I will try and do justice to the great mineral deposits occurring in the mountains paralleling the Klamath river on the south. In closing this article I would like to impress it upon the minds of the people of Siskiyou county that they do not appreciate the vast possibilities of this mineral storehouse of nature. They must believe in it themselves if they want others to believe, and invest their money in it. They must advertise. They must mine, and mine right, and not use a hammer only. The Indians have long since buried the hatchet. Let the would-be miners bury the hammer and give a chance to the people who will do something. Dig and boost. You have plenty to dig for and unlimited boosting room, so do it, and "do it now."

### Advertised Letter List.

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- Bartley, M. F.
- Alverson, Mrs. J. W.
- Ball, August.
- Baker, Hiram.
- Bartlett, Rev. F.
- Bales, Mrs. S. A.
- Barton, Chas.
- Bourne, Henry.
- The Boylston.
- Bray, Chas. P.
- Burke, P. J.
- Burgess, Mrs. Fred.
- Burkman, Mrs. P. C.
- Cranville, A. L.
- Dawson, Joe.
- Helmes, Wm.
- Joseph, Noel D.
- Justice, Edwin.
- Knott, Mrs. Geo.
- Lamson, William.
- Lee, Jack.
- Muskin, Harry.
- Morgan, Mattie.
- Marble, J. E.
- Newton, W. A.
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### New Cases.

Woods Lumber Co. vs. Cascade Coal Co.—Suit to foreclose Rev. W. E. Phipps for plaintiff.

Woods Lumber Co. vs. Suanayida Coal Co.—Suit to foreclose Rev. W. E. Phipps for plaintiff.

# SOCIETY

One of the most largely attended social gatherings of Reames chapter, O. E. S., was that of Wednesday evening, when in addition to the local membership, Nevada chapter, O. E. S., No. 96, of Central Point was entertained. The beautiful ritualistic work of the order was exemplified in a highly creditable manner and speeches by visiting members were listened to.

The hall was artistically decorated with the season's most beautiful chrysanthemums, which were banked in profusion on the piano and upon the rostrum, while loose, trailing bouquets occupied conspicuous places on pedestals and tables. Cards and social conversation occupied the interim between lodge work and supper. Sandwiches, pickles, coffee, salad, ice cream and cake were served. The committee: Mr. and Mrs. F. E. Merrick, Mrs. I. L. Hamilton, Mrs. L. B. Warner, Dr. E. B. Pickel, Mr. and Mrs. D. H. Miller, Mrs. L. J. Sears, Messrs. W. F. Isaacs, William Muller, C. I. Hutchison.

Among the out-of-town guests were Mrs. Hatfield, worthy matron of Nevada chapter; Mr. Hatfield, Mr. and Mrs. McKillop, Mr. and Mrs. Meyers, Mr. and Mrs. Leaver, Mr. and Mrs. George Fox, Mrs. Frederick, and Miss Alice Hanley, all of Central Point, and J. L. Painter of Sisson, Cal.

Mrs. Helen Gale has returned from a brief visit with Mrs. Cook of Grants Pass.

Misses Luella Campbell and Miss Agnes Isaacs entertained the senior class of the high school at the home of Miss Campbell, Mistletoe and Eighth streets, on Thursday evening. The guests were bidden to a hayseed party and were requested to wear suitable costumes. Old fashioned games were played and a New England supper served. Prizes were awarded for the most original dress and a most informal evening of jolly good fun enjoyed. Both hostesses were members of the class last year, the present membership being: Misses Cordelia Goffe, Catherine Shea, Estelle Phelster, Crystal McNary, Jessie Riley, Minnie Jackson, Leola Eubank, Messrs. Clifford Mizner, Norman Merrill, Rutherford Kerr, Lester Meeker, Frank Farrell.

The Wednesday Study club was entertained this week at the pretty cottage home of Mrs. Snedcor on Mistletoe street. "Thomas Carlyle" was the subject of the afternoon's study and Mrs. M. L. Aiford was essayist, giving in a most instructive and detailed manner the most prominent incidents of the famous author's life. To those who have formed their estimate of Carlyle from reading his "French Revolution," "History of Frederick the Great" and his profound criticisms and who have been impressed with his contempt for shams and his belief in brute force as the only reality, the tender sentiment of the man, as revealed in the selections from his correspondence with Jane Welch, afterward his wife, as read by Mrs. Shields, Mrs. Pickel and Mrs. Hollis, throws much light on his character.

The club has arranged to take up a book, "The Making of an American," by Jacob Riis, from which a few chapters will be read whenever the length of the regular program will permit of such supplementary reading. The club meets next week with Mrs. Campbell on West Eleventh street. The subject will be the "Kindergarten" and Miss Anna Harmon will have charge of the program.

Attorney C. L. Reames has gone to Klamath Falls on a short business trip.

Mr. E. D. Elwood, who recently built a beautiful residence at the extreme southern end of Central avenue, South, has sold the same and is now occupying a smaller house, which he owns also on Central avenue, South, but which is closer to the business part of town, hence more convenient.

The Ladies' Guild of the Episcopal church met this week at the hospitable home of Mrs. C. D. Hazelrigg.

Mrs. C. M. Kidd, whose mother is spending the winter with her, is also being visited by her sister, Mrs. Agnes of Hyde Park, East Orange, N. J.

Miss Carrie Jacks of Albany, Or., who has been the guest of her aunt, Mrs. H. G. Wortman, for several weeks, returned home Thursday morning. She will begin teaching a term of school at Independence next week.

Mrs. T. E. Daniels, entertained the members of the 500 club at her residence on Genevieve street on Friday afternoon.

An informal gathering of ladies at the home of Mrs. H. E. Butler, 210 North Bartlett street, organized a Christmas needlework club, which will hold weekly meetings between now and the holidays, combining social intercourse and pleasant occupation. Those present at this first meeting were: Mesdames J. G. Goble, J. A. Elmhurst, J. G. Shearer, L. B. Haskins and H. E. Butler.

The Men's club of the Presbyterian church held a pleasant meeting on Tuesday evening at the church. Addresses were made by W. H. Gore, Rev. Mr. Shields, D. W. Luke, J. T. Harrison and Rutherford Kerr. A musical program in which Messrs. Clarence Kellogg, Henri Gunson and J. F. Lawrence participated, was much enjoyed.

The recently elected officers of the Young People's Bible society are: President, Miss Margaret Roberts; vice-president, Miss Olive Johnson; secretary, Miss Wilna Harrison; treasurer, Miss Laura Page; guard, Miss Florence Erbage; musician, Miss Ruth Warner. The young ladies of the society met Saturday afternoon at the home of Mrs. Shields to make fancy articles for a booth they are to conduct at the ladies' bazaar in December.

Miss Sabrey Booker of Woodville visited Medford friends, Thursday, returning home Friday morning.

Mrs. M. E. Worrell has returned from an extended visit in Portland.

The Ladies' Aid society of the Presbyterian church met Tuesday afternoon at the home of the president, Mrs. Etta Stevenson. Plans were discussed relative to the giving of a Thanksgiving dinner under the auspices of the society. The ladies are also planning for their annual bazaar, which will be held early in December. Notwithstanding the extremely dark and rainy afternoon, the attendance was good and a most pleasant afternoon enjoyed by all.

A very pretty home wedding was that of Miss Louise Neidermeyer and Mr. H. E. Corger that was solemnized at the home of the bride's parents, Mr. and Mrs. L. Neidermeyer, on the Jacksonville-Central Point road on Wednesday, November 10. The Rev. Mr. Robert Ennis of Jacksonville officiated. Both bride and groom are well known in Jackson county and have a wide circle of friends, who are extending congratulations and best wishes.

The dancing party at Smith's hall Thursday evening for 12 couples belonging to the younger set was one of the pleasant affairs of the week. The young people participating in the affair were: Misses Butts, Leavelle, McKilligan, Grace and Myrtle Calhoun, Mabel Jones, Myrtle Kenyon, Ethel Bennett, Hazel Ragsdale, Jennie Hansen, Luella Campbell, Maude Ling and Mabel Whelpley, and Messrs. McKay, Bert Anderson, Charles Campbell, Orville Johnson, Harvey Ling, Wilson Rothermel, Ward Whitecote, Charles Alward, Henry Hazwell, Charles Henselman, Isaac Freidogan, Clarence Sage, Frank Miller. It is the intention of the young people to organize a club and hold regular parties every week.

(Continued on page 5.)

### ASHLAND.

The leading social feature of the week was a banquet given at the Ashland Hotel cafe on Tuesday night. The list of guests is not obtainable, nor can it be learned who gave the affair. The hotel management, acting under instructions, no doubt, refuse to tell what they know about it. It is known, however, that ten or fifteen couples were present; that they belong to our "400" set; that the Regal orchestra furnished the music and that a prominent local clergyman and a leading young grocer were among the number. Speculation is rife as to whether or not the last mentioned circumstance has any peculiar significance.

Mrs. J. M. Potter gave a small family dinner party Thursday afternoon in honor of Mrs. J. M. Potter, the occasion being a birthday anniversary. In addition to the guest of honor, those present were: Mrs. L. Gillette, Mrs. Mary Dunn, Mrs. A. H. Russell, Mrs. Elizabeth Van Sant, Miss Russell, Miss Mabel Russell and Mr. and Mrs. J. M. Potter.

Ashland will soon realize her ambition to have a handsome Carnegie library building wherein to house its city library. The city authorities forwarded a deed on Monday to Mrs. Lottie Wilkins of Dunsmuir, Cal., for her signature. It was returned Thursday and placed in escrow in a local bank. The deed conveys title to the lot at the corner of Main and Gresham streets, that site having been selected by the votes of Ashland as the most suitable lot now available for the purpose. The purchase price is \$3500, one-half of which was raised by subscription, the city assuming the balance. Plans will be forwarded immediately to the Carnegie library board for approval, and it is expected that ground will be broken for the new structure by the first of the new year.

On Wednesday of this week the little son of Jack Ruger was painfully bitten by a dog belonging to Mr. Knight. The vicious animal tore the lad's ear quite badly and will probably be shot if allowed to roam the streets. Ashland has more than her share of worthless canines, and a crusade against them would meet with hearty support.

### CENTRAL POINT.

The ladies of Central Point have completed their organization of an auxiliary to the Central Point Commercial club, and have elected the following officers: President, Mrs. Stella Fox; vice-president, Mrs. Hatfield; secretary, Mrs. Josephine Kabler; and treasurer, Mrs. Minnie Peninger.

At a meeting held last night plans were discussed for a campaign of general improvement throughout the town. Steps will soon be taken to improve the city park by planting trees and lawn. As funds are available the ladies will keep at work improving the park grounds until they will be equal to any in southern Oregon. They have adopted the name of the Ladies' Improvement club.

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