

Have heard nothing from O.D.L. There is, I believe, had a card from Willeby, etc. other than anniversary or exhib. I Mr. Day's pictures. As it was addressed in his hand writing, I suppose they have returned for Capt. I thought that joke I sent in was rather funny, but did not mean it to be taken personally, my friends are. I do not yet know whether I shall run over to Duluth and Minneapolis for a few days, but shall decide within a week. My Minnesota enterprise is completely so safe, that I have no fear of the result, you may be sure I must shrink from asking anyone to go into it. I don't see why my geol. & min. knowledge should not be put to practical use in this direction, as well as in any other, especially since it is possible that the Survey may be taken up next year. Hope that for all my time had a happy Xmas, and with a big fire in all, and love to Mrs. J. - see for hints Lucio.

KEEVENAW CLUB

Houghton, Mich. 1892

For several days the weather here has been pretty cold - 8° to 12° above zero. Last night, the snow, which has fallen more or less continuously since the 6<sup>th</sup> day of the month, began to thicken and the wind to increase in force, until to-day, when a blizzard has been raging. This morning the mercury marked 12° to 15° below zero, and although it has now risen to zero, the storm continues unabated.

I have not been out of the house all day, and after reading some this morning in your bible looked over some proof, for Dr. W., of the geol. report, which is now nearing completion at the hands of the printer. Mr. Denton came up for a social chat, and I also indulged in a nap. Thus Christmas has passed very much as any other day, and I have had plenty of time to think of my dear ones far away, to wonder what they were doing, and wish myself in their midst. As I write, the incoming train is whistling, two hours late, so that we shall have no mail to-night, no news for me from home.

Yesterday several of the members of our household sallied forth on snow shoes and gathered greens for Mrs. Sheplers, by whose taste they were prettily arranged in our two public rooms. Last night we all gathered together in the sitting room, and had a distribution of presents from our Xmas tree. They were very funny, and provoked many a laugh at the expense of the recipients. Dr. W. secured an owl with the

idea that she was other than in the best of health. a spare cut in the face so that if he comes we can best be comfortable.



inscription "A kindred spirit with a big eye, who sees everything that goes on at night"; also a gun, "warranted to penetrate the brain of the dullest student." Mr. Hornold, who has recently given us several good-sized yarns from Minnesota, received a story book, and to-night, as he spoke of the profit of only 1 ct. a pair said to be made by Douglas (whose photo. is familiar to us all) on the shoes he makes, Mr. Denton asked him if he got that out of his little book. Dr. Lane, who has recently bought an auto-harp, on which he has practised assiduously, received two toy organs and several other musical instruments of like dignity. I was favored with a gun and two wooden deer, a sheet of paper covered with cancelled postage stamps, and a cravat with an inscription that referred to the "tie that binds us forever." I forget the exact wording of it. Altogether the affair was very successful.

Last Thursday my whole company went off pleasantly, and everyone seemed to enjoy himself. There were three tables. For supper we had raw oysters, cold turkey with "fixings," hot rolls, coffee, and orange sherbet served in the orange peels cut into the shape of a basket. It was after one o'clock when the company dispersed.

For several days I have been working in the chem. lab. with Dr. Koenig. I think I have convinced the Dr. that we have no new element in our mineral, and from present indications we may not have an entirely new mineral, but a comparatively new one described last year, and thus far known only from one locality. We shall, however, be able to say something new about it, and the chances are nearly even that it will not agree altogether with the one mentioned. Our experiments will probably take several weeks to complete.

Only one of my boxes has as yet been delivered, the one with the clothing and a big box of my favorite nut-candy. Many thanks for it. The other box must be at the depot. I was sorry to hear of the death of Mrs. Lee. Had no