

GEOLOGY IN ITS RELATION TO COMMERCE

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THE OREGONIAN'S HOME STUDY CIRCLE DIRECTED BY PROF. SEYMOUR EATON

COMPARATIVE STUDIES OF TWO CENTURIES.

BY PROFESSOR JAMES F. KEAP.

Geology is more closely related to the intelligent development of the material resources of a country than is any other branch of natural science.

By the close of the 18th century the largest part of the structure of the globe was familiar to all men of science who had given them attention.

In the 18th century only a small part of the world had been geologically described, and that with a very imperfect scientific vocabulary.

All this being true, it was natural that writers on geology during this period developed in their scientific work tendencies to speculative systems.

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Under a few topics it is possible to sum up the chief subjects in which 1800 shows the greatest advance over 1800.

The most ancient rocks are recognized now to be igneous in their nature and when they possess a foliation which suggests sedimentary bedding.

has been most strongly influenced by these views. Their appreciation and adoption were inevitable with the growth of knowledge.

Another of the problems that are entirely new to the 19th century now closing is that of the glacial period.

The study of the moraines and other deposits of the continental glacier as well as investigations of the earth's surface in unglaciated regions have brought into prominence the importance of a proper understanding of land forms and land sculpture.

And finally, in modern mining and quarrying, in agriculture and works of engineering, the influence of geology is broader and more correct views is manifested on every hand.

Following Dr. Hill's address the bishop presented the diplomas to the following graduates: Horace Carpenter, Brodie, Portland; William Hammond, Oregon City; Rocky Earhart, Mead, Albany.

A rector's prize for good conduct during the year was awarded to Mr. McFarland, with favorable mention of Ernest Closset and William Burton.

The principal prize for highest standing in the year was awarded to Horace Carpenter. Brodie, Portland, with mention of Percy Cupper, of Monmouth.

Then followed the address of Dr. Judd, who was introduced by the Rev. Mr. Judd, who has been a teacher for 50 years.

An interesting feature of the exercises was a drill on the campus by Companies A and B, for a banner.

At 8 o'clock in the evening the exhibition drill by Company C was held.

SUNDAY SCHOOL WORKERS

SECOND DAY OF THE OREGON STATE ASSOCIATION.

Several Stirring Addresses Made—Committees Appointed and Officers Report.

President Morse's address was one of the features of the morning session of the State Sunday School Association yesterday.

"In looking over the old record," said "I find to account for our first convention, but in 1875 convention was held in the Presbyterian Church at Portland.

"After this nothing was done, or at least no record is to be found of any convention for the years 1876, 1877 and 1878.

"We have seen what the past has done for us, but are still far from being satisfied. It is true that when we compare the enrollment of 1874 with that of 1884, we find an increase of 50 per cent.

"The report of the executive committee was full and complete, going over the work of the year in detail.

"As in previous years, we have been hampered in all of our work by the lack of funds.

"Another matter we would speak of is the indifference of superintendents in forwarding statistics of their schools.

A part of the secretary's report followed. The amount of money raised for the support of the schools of the state since October last—eight months—is \$112,300.

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Following the address was one by Rev. E. S. Lewis, D. D., of Ohio, on "What Organization Means."

"It means," he said, "making the most of that which is useful. It means that which works. It is more than trying to bring together that which is harmonious and congruous.

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