

two other distinct members of the amphibole series. The first of these is pale green in color and seems to correspond to common actinolite; the other is a distinct blue mineral, with the amphibole cleavage, and is apparently related to glaucophane, but differs in certain optical properties, so that the identification is not yet satisfactory. The bluish amphibole also occurs in the form of new growths attached to brown hornblende with the same crystallographic orientation.

There are in this same region other rocks in which complex changes from one of these minerals to an allied variety have been noticed, but not fully investigated. The speaker stated that a paper describing these interesting occurrences was in preparation.

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Dr. Wm. P. Headden gave a description of a thin local bed of infusorial earth recently found in West Denver. The deposit is but four inches in thickness and seems to have a very limited horizontal range. It is quite pure, however, and on microscopical examination is found to contain several genera and species of diatoms. Some of these are found now living in ditches or along the banks of the Platte.