

THE  
CANADIAN RECORD  
OF SCIENCE.

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VOL. IV.

JANUARY, 1891.

NO. 5.

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CLAY CONCRETIONS OF THE CONNECTICUT RIVER.

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The concretions with which I am most familiar are found between Brattleboro, Vt., and Sunderland, Mass., a distance of about thirty miles. Between the two towns named, few clay beds occur on the right bank, it being either green with vegetation, sandy or rocky, but on the left shore the beds are numerous.

You are first attracted by the deep blue color of the clay, which can be seen a distance from the shore. In some places, as between the two ferries known as Rice's and Whitemore's, this clay occurs interstratified with sand; in others, as at Sunderland bridge, it forms projecting shelves into the stream which are often thickly strewn with concretions washed from the beds above.

Again, as at the mouth of Saw Mill River, a little stream that empties into the Connecticut, the clay forms a high cliff rising perpendicularly from the water's edge. It is one of the finest exposures to be seen. Stratification planes cut it horizontally, and joint planes obliquely, while the peculiar blue color presents a striking contrast to the green vegetation above, and the sparkling waters below. I have

<sup>1</sup> Abstract of a paper on "Concretions of the Connecticut River," now in course of preparation.