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THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE. ON SOME POST-EOCENE AND OTHER FOR- MATIONS OF THE GULF REGION OF THE UNITED STATES.

IN 1871 Dr. Eugene W. Hilgard, formerly state geologist of Mississippi, read before the American Association for the Advancement of Science a paper 'On the Geology of the Gulf of Mexico.' This paper was supplemented in 1881 by another, 'On the Later Tertiaries of the Gulf of Mexico,' in which account was taken of the geological investigations made in the interval.

In both these papers that problematical formation, the Grand Gulf, held the chief place of interest, and the hypothesis of a temporary and partial isolation of the gulf from the Atlantic Ocean was urged as being necessary to account for its phenomena.

On the present occasion, I purpose to speak of some additions to our knowledge of the geology of the gulf coastal plain, since 1881, and especially of the post-Eocene formations; and if in this summary I shall be thought to dwell too much on Alabama, I shall urge in explanation that the opportunities for the study of these formations in Alabama are, perhaps, better and more favorable than in the other states,