

geologists, and others who have taken an active part in unravelling the intricate problems involved. The author states that he has not yet observed the marked "physical break between the Cretaceous and Eocene on the Pacific border."

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In this paper the author, who has made a most careful study of and carried extensive researches in the Pacific Coast Region of the U. S. of America, gives us a valuable contribution to the geological history of that region, not only in differentiating the various horizons and faunas presented, but also in describing several new species which he has discovered during his travels in the West. Dr. Stanton has been able to bridge that hiatus between the Eocene and Cretaceous systems by careful stratigraphic methods accompanied by accurate palaeontologica determination. H. M. A.

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