

A contemporaneous marine facies of fossiliferous and varved silts is found interbedded with the moraines.

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THE CRETACEOUS ROCKS OF SOUTH INDIA. By L. RAMA RAO. *Lucknow University Studies*, No. XVII, pp. iv + 78, with 4 maps, 1942.

This small book is founded on two lectures given at the University of Lucknow in 1940. It deals only with the Cretaceous rocks of the region about Trichinopoly and Pondicherry, which were laid down during the transgression of a southern and eastern sea apparently distinct from Tethys. The range is from Cenomanian to Danian. One of the points brought out is that the evidence supports the idea that the "Cenomanian" transgression here actually began well down in the Albian. The rocks are highly fossiliferous, with a good development of limestones and some enormous ammonites, which are not named. Certain beds of flint and chert are shown to be silicified limestones, some being practically quartzites. The highest beds of all belong to the uppermost Cretaceous or possibly even form a transition to the Eocene, and this fact is of special interest, since in one place they are overlain by a small outlier of the Deccan Traps, suggesting that these are probably in part at least Tertiary. No reason has been found to modify the original classification by H. F. Blanford in 1862 into Utatur, Trichinopoly, and Ariyalur series, except that the author now separates the original Upper Ariyalurs as the Niniyur Series, as this may belong to a separate transgression.

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ANNOUNCEMENT

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1. The nature of research to be undertaken.
2. The amount of grant desired.
3. The specific purpose for which the grant will be used, e.g. travelling expenses, maintenance in the field, excavation of critical sections, etc.
4. Whether any other grant-in-aid has been obtained or applied for.

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