

our western districts, as near Molong. Moreover, the almost entire absence of any forms of coral life from the Lower Marine Series may, as suggested by Mr. David, have been due to the enormous development of tuffs in the Rhacopteris and Lepidodendron beds which form the upper portion of the preceding formation. Then, again, though the occurrence of striated boulders in the conglomerates of the Upper Marine Series points to deposition in which ice action has been concerned, the comparative abundance of certain genera of corals in several horizons in the Series is evidence of the sea at the time having been comparatively warm, and is opposed to any theory as to a general refrigeration of the Antarctic Ocean in this part of the Permo-Carboniferous Period.

The accompanying table of classification of the different series of the Permo-Carboniferous must to some extent be considered as provisional, and thus indicates how large a field awaits systematic geological survey and palæontological investigation.

I have the honour to be,

Sir,

Your obedient servant,

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