

the Brasso Sands and Clays, from a locality where they are well developed.

These flanking sands and clays include a "rubbly" coral limestone, occurring sporadically throughout, but especially along the northern edge on the west. This may be known as the Guaracara limestone, and often contains *Amphistegina* in quantity. To the south of the ridge of older rocks stretch the Naparima Series, consisting of radiolarian beds, yellow marls crowded with *Globigerina* in astonishing abundance, and clays, frequently full of foraminifera, *Cyclammmina* being considered characteristic.

In the Central Range the backbone of older rocks is cut off by a N. and S. fault to the W. of Brigand Hill and replaced by a northerly dipping monocline of Miocene beds continuing to the Coast of Manzanilla.

A simple way of visualizing Trinidad, in very general terms, is to consider it as consisting of three ridges of hills, the Northern, Central and Southern Ranges, these being as a whole progressively younger in a southerly direction; the intermediate valleys, to what extent bounded by faults it is hard to say, being infilled with Miocene and Pliocene beds.

JOHN PARKINSON.

THE THEORY OF MAGMATIC CYCLES.

SIR,—Owing to my absence from home I did not receive the galleys of my paper in the July number of this MAGAZINE until, as I found later, it had already gone to press. This must be my excuse for certain infelicities of expression and incomplete references to literature which otherwise would not have been allowed to pass. I should like, however, to take this opportunity of correcting a few misprints that may cause unnecessary confusion:—

p. 310, footnote 2, for "section 6" read "section 7".

p. 313, line 9, for "ans" read "and".

p. 314, caption 4A, read "The Zone of Flowage around a growing Bathylith".

p. 315, line 29, for "condition" read "conditions".

p. 315, section B, line 11, for "temperature" read "temperature of fusions".

p. 319, footnote 2, for "p. 165" read "p. 765".

p. 326, line 6, for "clean water" read "ocean water".

Fortunately these corrections and a few minor alterations have been made in the reprints of the paper.

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