

series, strongly overlapping and highly arched on their extremity, so that the outline closely resembles *Bolivina reticulata* Hantken, but also *Bolivina dilatata* Reuss, though both of these species have more chambers in each series than does the present type. We are inclined to think that this is a new species of *Bolivina*, though it may be a variety of either of the above. We shall consider it, however, a variety of *B. reticulata* as the reticulate surface might not show in cross section. In length the specimen measures 0.26 mm."

Here we see a very considerable uncertainty as to the determination of the species.

We may safely say that the evidence from the foraminifera is in favour of the chert in which they occur being, at earliest, Mesozoic. Dr. Bagg himself remarks that, taken as a whole, the fauna is more like that of the Trias than of the older Palæozoic (p. 8). He has apparently started with the assumption that the chert *must* be Older Palæozoic, thus (p. 8) he writes: "We do not know of any such discovery in formations so primitive as these must be, and did not suppose that *Virgulina* occurred in Palæozoic horizons." One does not know the strength of the evidence for this assumption. It is, however, curious that, according to the description of Dr. John M. Clarke in the *Guide Book to the Congrès Géologique International* (Guide Book No. 1, pt. i, 1913, p. 91, and map opposite p. 88, 1913), the Bonaventure conglomerate lies almost horizontally and is unconformable to all other rocks in Gaspé. One wonders if the conglomerate is really as old as is supposed. There are but three possibilities—(1) that many of the foraminifera have been wrongly determined, (2) that the Bonaventure conglomerate is not older than Mesozoic, (3) that foraminifera are quite useless for stratigraphical purposes. Which of these possibilities are true perhaps time will show.

R. L. SHERLOCK.

April, 1922.

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## ANNOUNCEMENTS AND INQUIRIES.

Mr. W. Whitaker, F.R.S., would be glad to have information concerning the Water Supply of Dorset, for use in a *Memoir of the Geological Survey*, now in preparation. Accounts of wells, springs, mineral waters, water analyses, etc., will be acceptable. The contents of journals of wide circulation, and of well-established local periodicals, such as the *Proceedings of the Dorset Field Club*, are already available to him, but he believes that there exist many little-known provincially published works, as well as a large mass of unpublished information, that would be very useful.

New address: Wellesley Court, Wellesley Road, Croydon.

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