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MICROPALAEONTOLOGICAL EXAMINATION OF ROCK
SAMPLES OF LOWER CRETACEOUS AGE FROM CENTRAL
QUEENSLAND.

By

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MICROPALAEONTOLOGICAL EXAMINATION OF ROCK SAMPLES
OF LOWER CRETACEOUS AGE FROM CENTRAL QUEENSLAND.

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A. Camulla Creek, 3 miles above Turtle Creek Junction (Roma Series).

Ochreous shale with foraminifera.

Foraminifera: Crithionina sp. nov.
Ammobaculites sp. nov (slender form)
Haplophragmoides chapmani Crespin
Haplophragmoides sp. (small form)
Spiroplectammina cushmani Crespin.
Spiroplectammina sp.
Trochammina parvula Crespin.
cf. Marginulina.

B. Flinders River at Hughenden (Tambo Series)

Ochreous shale with numerous foraminifera.

Foraminifera: Ammobaculites sp. nov (slender form, common)
Ammobaculites sp. (small broad form)
Ammodiscus sp.
Haplophragmoides chapmani Crespin
Haplophragmoides sp. (small form)
Spiroplectammina cushmani Crespin
Verneuilina cf. tricarinata
Verneuilina sp. nov.
Trochammina parvula Crespin (common)

NOTE ON THE SAMPLES.

These two samples were collected by Dr. Whitehouse who gives the two horizons, Roma and Tambo of the Lower Cretaceous respectively for them. Both samples are lithologically similar and contain almost an identical foraminiferal assemblage. Small arenaceous foraminifera are especially common in the sample from the Flinders River. However, in both samples the tests are, for the most part crushed.

The present micro-examination reveals no microfaunal evidence for differentiating the samples into Roma and Tambo series. The foraminiferal assemblage is similar to that which has been recorded in samples from numerous deep bores in the Great Artesian Basin in Northern New South Wales and South Australia. It is hoped that a typical section of beds referred to as Tambo series will be systematically collected from so that a comparison of the foraminiferal assemblage in it can be made with the microfauna in the material recently collected from the Clerk Creek-Bungeworgorai Creek section at Roma.

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