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MICROPALAEONTOLOGICAL EXAMINATION OF A SAMPLE OF DIATOMITE FROM  
REDESDALE, VICTORIA

by

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SAMPLE OF DIATOMITE FROM REDESDALE, VICTORIA.

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The diatomite from Redesdale, 19 miles north of Kyneton on the Kyneton-Heathcote road, is white and very finely laminated.

The component diatoms are as follows:-

Amphora sp.  
Cocconeis placentula  
Cymbella heteropleura  
Cymbella ventricosa  
Epithema sp.  
Eunotia major  
Fragellaria harrisonii  
Gomphonema intricatum  
Gomphonema sp.  
Melosira granulata

Navicula maculata  
Navicula sp.  
Nitzschia sp.  
Pinnularia nobilis  
Rhopalodia ventricosa  
Stauroneis anceps  
Stauroneis-sp.  
Synedra ulna  
Tabellaria sp.

Most of the diatoms are small and the frustules of the larger genera such as Synedra, Nitzschia and Pinnularia are usually broken. Complete frustules of the Needle-like Synedra are not common but numerous fragments of broken frustules are present. Boat-shaped genera such as Navicula and Cymbella and the ovate Cocconeis are fairly common. Melosira frustules are numerous but are not as common as in the diatomites of New South Wales and Queensland.

The diatom content of the diatomite from Redesdale is similar to that found in the diatomite from Newham.

*Irene Cooper*

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