

FURTHER DESCRIPTIONS OF UPPER SILURIAN  
FOSSILS FROM THE LILYDALE LIMESTONE, UPPER  
YARRA DISTRICT, VICTORIA.

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(Plates xviii. — xix.)

THE additional fossils about to be described, are like the former collection,\* obtained by Mr. A. J. North, from the Cave-hill Quarries, Lilydale, Victoria.

When publishing the former descriptions I overlooked a short account of the Lilydale Limestone by the Rev. A. W. Cresswell,† who gives the following particulars regarding it. The limestone is about one hundred feet thick, interstratified with the Upper Silurian rocks of the district. It is believed to be a lenticular patch, the prevailing colour being cream. As regards the fossil contents Mr. Cresswell makes the following remarks:—"Several specimens of a sub-genus of *Turbo*, one of them being as large as a good sized recent *Turbo undulatus*. The form appears to me to be close to *Euchelus*, there being no umbilicus or the columella showing trace of being toothed, it is very like our common recent *Euchelus canaliculatus*, but has finer and more numerous liræ. The nearest shell to it in Murchison's "Siluria," appears to be *Cyclonema corallii* of the Upper Ludlow, with which it is perhaps identical. Several specimens of *Murchisonia*, apparently corresponding to *M. corallii* of the Upper Ludlow, as figured in Murchison's "Siluria." A *Bellerophon* . . . . .; and several specimens of the common Upper Silurian species of *Favosites* called *Favosites aspera* . . . . .; a single joint of *Crinoid* stem, probably an *Actinocrinus*." The strike of the beds is meridional.

I have not seen any shells which could be regarded as co-specific with *Cyclonema corallii*, or *Murchisonia corallii*, from the British Ludlow rocks. These are small species and not to be compared to those herein afterwards described.

Prof. R. Tate, F.L.S., has been kind enough to supplement my previous descriptions by notes from specimens in his Collection, which will be found in their proper places. He however remarks of *Niso? brazieri*:—"I imperfectly observe that the aperture is rounded in front, and not angulated as in the Recent and Tertiary species of *Niso*."

\* Records Australian Museum, 1890, I., pt. iii., p. 60.

† The Queen's Birthday Excursion to Lilydale, *Victorian Naturalist*, 1885, II., No. 3, p. 35.