

A NEW PERMO-CARBONIFEROUS GENUS (*KEENEIA*)  
OF PLEUROTOMARIIDÆ, AND A *STRAPAROLLUS* IN  
NEW SOUTH WALES.

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(Plates xxxii. – xxxiii.)

THE Lower Marine Series of our Permo-Carboniferous in the Maitland District has yielded a fine Gasteropod, that I believe constitutes a new sub-genus of *Pleurotomaria*, or genus of Pleurotomariidæ, as the idiocynocracies of the reader may lead him to regard it. The characteristic univalve of the series mentioned is *Platyschisma oculus*, Sby., sp., but occurring side by side with this, and in some respects like it, is another much larger and more massive shell, quite undescribed with us, that I propose to designate as *Keeneia platyschismoides*. The generic name is given in honour of the late Mr. William Keene, for many years Examiner of Coal Fields for New South Wales, and whose researches, combined with those of the late Mr. C. S. Wilkinson, laid the foundation for our present knowledge and classification of the New South Wales Coal Measures. Mr. Keene's writings will be found in the early publications of the Department of Mines, Sydney, the Quarterly Journal of the Geological Society of London, and various Exhibition Catalogues and Reports referring to New South Wales.

*Keeneia* is an umbilicate Pleurotomaria, and hence need only be compared with those so-called sub-genera of the genus in chief possessing an umbilicus. The principal features in the so-far only known species, irrespective of its size and umbilicus are:— (a) visible presence of the band only on the body-whorl; (b) band in the same plane as the surface of the body-whorl, not raised or bordered by carinæ; (c) sutural and concealed position of the band on the other whorls; (d) absence of a keel surrounding the umbilicus.

The umbilicate "sub-genera" of *Pleurotomaria*, with which it is necessary to compare *Keeneia*, are:—*Mourlonia*, de Koninck; *Rhineoderma*, de Koninck; *Yvania*, Bayle; *Luciella*, de Koninck; *Leptomaria*, Deslonchamps, and others named below, but I omit from consideration *Talantodiscus*, Fischer; *Pyrgotrochus*, Fischer; *Entemmotrochus*, Fischer; and *Pleurotomaria* proper, as typified by *P. anglica*, Desh. The relation may be expressed in the following table:—