

THE  
PROCEEDINGS  
OF THE  
LINNEAN SOCIETY  
OF  
NEW SOUTH WALES,  
VOL. IV.,

[WITH TWENTY-SEVEN PLATES.]

---

SYDNEY:  
*PRINTED AND PUBLISHED FOR THE SOCIETY BY*  
F. W. WHITE, 39 MARKET STREET,  
AND SOLD BY THE SOCIETY,  
1880.

## NOTES AND EXHIBITS.

## ON EUKTIMINARIA DUCALIS.

BY THE REV. J. E. TENISON-WOODS, F.G.S., F.L.S.

In the Proceedings of this Society last year, I described (Vol. III., p. 126) what I considered to be a new genus of Polyzoa under the above name. I mentioned that similar fossils had been found in the chalk, and that M. d'Orbigny had suggested that

they were Comatulæ without arms. I am now convinced that this explanation of these bodies is the correct one. They are the central disks of some unknown species of Comatulæ. I have seen a central disk of an undescribed species, which though much smaller and with very much fewer pores, yet is so similar in all other respects that I do not doubt my *Euktiminaria ducalis*, the *Glenotremites paradoxus* of Goldfuss, the *Decamerus mysticus* of Hagenow, are all central disks of Comatulæ. The central pores on each of these organisms which bear so close a resemblance to the cells of Polyzoa are doubtless connected with the water circulation, like the madreporiform bodies in the Echinodermata. They are not present in all the Comatulæ, at least in this form.