

TWO UNDESCRIBED PELECYPODA FROM THE LOWER
CRETACEOUS OF QUEENSLAND IN THE COLLECTION
OF THE AUSTRALIAN MUSEUM.

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(Plates xxxiv. — xxxv., and Fig. 21).

1. FURTHER EVIDENCE OF *Teredo*.

THE presence of *Teredo*-like tubes in our Lower Cretaceous Series, has been known for some time, but until the specimens about to be described came under notice, the existence of this boring Mollusc was not thought to be as plentiful as now proves to be the case.

The first record of *Teredo* in Australian Mesozoic beds is due to the late Mr. Charles Moore, who described a shell, forming one of a colony, as *T. australis*,¹ from the Oolite of West Australia. This had been previously recorded by the late Rev. W. B. Clarke as a *Pholas*.² Some years subsequent to Moore's description, I recorded the presence of *Teredo* in limited quantity in both our Upper and Lower Cretaceous—impressions of tubes in the grit of the Croydon Goldfield,³ and shelly tubes in limestone,⁴ brought under my notice by the late Rev. J. E. T. Woods, with, in one instance, a portion of the valves remaining. *Teredo*-bored wood was also collected from the Rolling Downs Formation by Mr. G. Sweet,⁵ at Hughenden and the Walsh River.

Amongst many other interesting Lower Cretaceous fossils collected and presented to the Trustees by Mr. W. H. Blomfield are fourteen blocks of variable size, either representing or forming parts of tree-trunks, riddled with the shelly tubes of *Teredo*, many of large size.

Some of the blocks represent portions of trunks preserved in the round, others divided longitudinally, and some in pieces only. The following measurements of the two former conditions were noted:—

		Length (direction of growth).	Breadth (right angles to direction of growth).	Circumference or girth.
<i>a</i>	...	1' 3"	1' 0"	2' 5"
<i>b</i>	...	0 8	1 0½	2 10
<i>c</i>	...	0 9	0 11½	2 9
<i>d</i>	...	1 1	0 10	2 4

They indicate a fairly uniform size.

¹ Moore—Quart. Journ. Geol. Soc., xxvi., 1870, pp. 230 and 253, pl. xii., f. 11.

² Clarke—*Ibid.*, xxiii., 1867, p. 8.

³ Etheridge, Junr.—Geol. Pal. Queensland, etc., 1892, p. 572, pl. xliii., fig. 11.

⁴ Etheridge, Junr.—*Loc. cit.*, f. 12.

⁵ Etheridge, Junr.—*Loc. cit.*, p. 573.