

COMMONWEALTH OF AUSTRALIA.

DEPARTMENT OF NATIONAL DEVELOPMENT.

TELEPHONE:  
CANBERRA J 1881.  
TELEGRAMS:  
"GEOLSEC" CANBERRA.

BUREAU OF MINERAL RESOURCES,  
GEOLOGY AND GEOPHYSICS,  
CHILDERS STREET,  
TURNER,  
CANBERRA.

JMD/JB

IN REPLY PLEASE QUOTE 151G/4

18th January, 1961.

Dr. H.B. Stenzel,  
P.O. Box 481,  
HOUSTON 1, TEXAS.

Dear Dr. Stenzel,

Dr. Crespin has passed onto me your letter of 5th January 1961 enquiring about Avicula corbiensis and Ostrea commercialis. A. corbiensis is a common species in the Cretaceous of the Great Artesian of Australia and since 1892 when Etheridge proposed the name Maccoyella (with A. barklyi as type) it has been referred to this genus. Maccoyella in recent years has been referred to the Pectinacea (see Ichakawa). It doesn't seem possible to refer either Maccoyella or M. corbiensis to the Ostreidae so that the Argentinian reference seems to be a bit wide of the mark.

Useful relevant references for M. corbiensis and Maccoyella are:

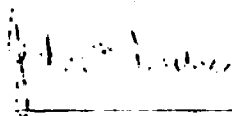
USGS. 1892 rec'd 2-10-61	Etheridge R. Jnr. in Jack R.L. and Etheridge, R. Jnr. Geology and Palaeontology of Queensland and New Guinea. Brisbane and London, 2 vols., text and plates.
Ital 1902a no. d 2-24-61	Etheridge R. Jnr. The Cretaceous Mollusca of South Australia and Northern Territory. Memoirs Royal Society of South Australia, vol. 2. pl. 54.
USGS. 1902b 2-6-61 rec'd	Etheridge R. Jnr. A Monograph of the Cretaceous Fauna of New South Wales. Memoirs Geological Survey of N.S.W., Palaeontology.. Vol. 11, pl. 98.
1958	Ichakawa, K. Zur Taxonomia und Phylogenie der Triadischen "Pteriidae" (Lamellibranch). Palaeontographica, Band III, Abt. A, p. 131-212.

We haven't any suitable specimens of M. corbiensis, but it is possible that some could be obtained from Prof. Dorothy Hill, Department of Geology, University of Queensland, Brisbane, Australia.

Please obtain these 3 books by library exchange.

For information and perhaps specimens of Ostrea commercialis I would suggest writing either to the Director, Dr. J.W. Evans or to the Conchologist, Dr. D. McMichael at the Australian Museum, College Street, Sydney, Australia.

Yours sincerely,



(J.M. DICKINS)

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- 1892 Etheridge R. Jnr. in Jack R.L. and Etheridge, R. Jnr. Geology and Palaeontology of Queensland and New Guinea. Brisbane and London, 2 vols., text and plates. pp. 458 + 563, pl. 22, figs. 8 + 9.
- 1902a Etheridge, R. Jnr., <sup>part 1</sup> The Cretaceous Mollusca of South Australia and Northern Territory. Memoirs Royal Society of South Australia, vol. 2., pl. 54. <sup>pt. 1, 54 pp., 7 pls.</sup>
- 1902b Etheridge R. Jnr. A Monograph of the Cretaceous Fauna of New South Wales. Memoirs Geological Survey of N.S.W., Palaeontology. Vol. 11, pl. 98.
- 1958 Ickakawa, K. Zur Taxonomie und Phylogenie der Triadischen "Pteriidae" (Lamellibranch). Palaeontographica, Band III, Abt. A, pp. 131-212, 7 text figs., pls. 21-24  
111

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Newell, 1938, *Australian Geol. Surv. Bull.* 10, p. 51

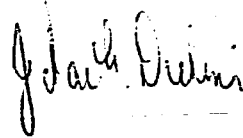
(1) Maccoyella Etheridge 1892, see Ichikawa p. 159  
to family Aviculopectinidae

(2) Maccoyella corbiensis, Moore, sp. see Etheridge, 1902, p. 13, pl. 1, the figs. are indeed suspiciously like a Gryphaea figs. 9 + 10. [no description of lip of left valve only]

QE 340 D3  
QE R6

For information and perhaps specimens of Ostrea commercialis I would suggest writing either to the Director, Dr. J.W. Evans or to the Conchologist, Dr. D. McMichael at the Australian Museum, College Street, Sydney, Australia.

Yours sincerely,

A handwritten signature in cursive script, appearing to read "J.M. Dickins".

(J.M. DICKINS)