

ON A NEW VERTEBATE GENUS FROM THE NORTHERN PART  
OF THE TERTIARY BASIN OF GREEN RIVER.

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ANAPTOMORPHUS ÆMULUS. Cope.

Dentition of the *ramus mandibuli*, In. 2, C. 1, P.M. 2, M. 3, total 16; identical in number to those of *Limia* and *Homo*. It differs in many respects from these; there is no interruption in the series near the canine, and the symphysis though massive, is not co-ossified. Further details are, the last molar is three-lobed and elongated behind. The composition of the crowns of the preceding molars consists of four opposite lobes, which are very stout, and connected transversely by a thin ridge behind, or in close contact in front. The premolar tooth which is best preserved, is a perfect second, which, while having two roots, possesses a crown which stands almost entirely on the anterior, presenting a curved sectorial crest forwards and upwards.

<i>Measurements.</i>	M.
Length dental line.....	0.0148
“ of last molar.....	.0030
“ “ ante-penult.....	.0025
Width of “.....	.0020
Length of three molars preserved.....	.0070

October 12th, 1872.