廖角山多鳃鱼

拥有众多鳃囊的无颌鱼类

廖角山多鳃鱼生活于约 4.19 亿年前的早泥盆世，是曲靖地区常见的盔甲鱼类之一。它的头部覆盖着坚硬的骨质头甲，口和鳃孔位于头甲腹面，内部具有十对以上密集排列的鳃囊，因此而得名。廖角山多鳃鱼化石为研究早期无颌脊椎动物的呼吸结构与头部演化提供了重要资料。

Polybranchiaspis liaojiaoshanensis

A Galeaspid with Numerous Gill Pouches

Polybranchiaspis liaojiaoshanensis was an Early Devonian galeaspid that lived about 419 million years ago and is one of the common galeaspids found in the Qujing area. Its head was covered by a rigid bony headshield, with the mouth and gill openings located on the ventral side. Internally, it possessed more than ten pairs of closely arranged branchial pouches, a distinctive feature reflected in its generic name. Fossils of *Polybranchiaspis liaojiaoshanensis* provide important evidence for understanding the respiratory structures and head evolution of early jawless vertebrates.