

Goniatites sp.

Location: Atlas Mountains, Morocco

Stratigraphy: Devonian

Buried early during Noah's Flood

Ammonoid Fossil

This is a genuine fossil of *Goniatites* (GO nee ah TIE tees). Ammonoids were cephalopods, and looked a bit like a small squid inside of a coiled shell. They had eyes, a beakless mouth, and tentacles.

Your *Goniatites* is part of a large group of ammonoids (Order Goniatitida), characterized by a zig-zag pattern to the sutures (growth lines) on its shell. The *Goniatites* animal lived in only the front chamber, and as it grew it added more shell and made a wall behind it (called a septum), creating the series of "rooms" in your fossil.