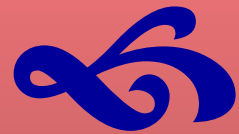


# Jenolan Caves



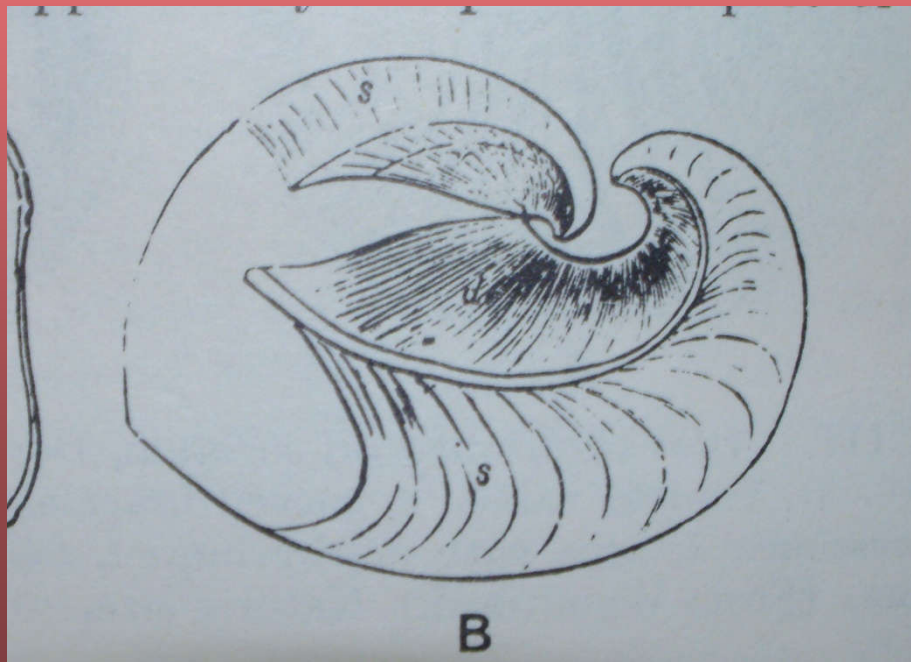
## A Selection of Fossils

Limestone is often  
made of fragments  
of ancient sea  
creatures which  
lived in a coral reef  
community.

We see them today  
as fossils in the cave  
walls and ceiling.

...we have brachiopods  
(with two shells, bit like a clam).

They'll look like this...

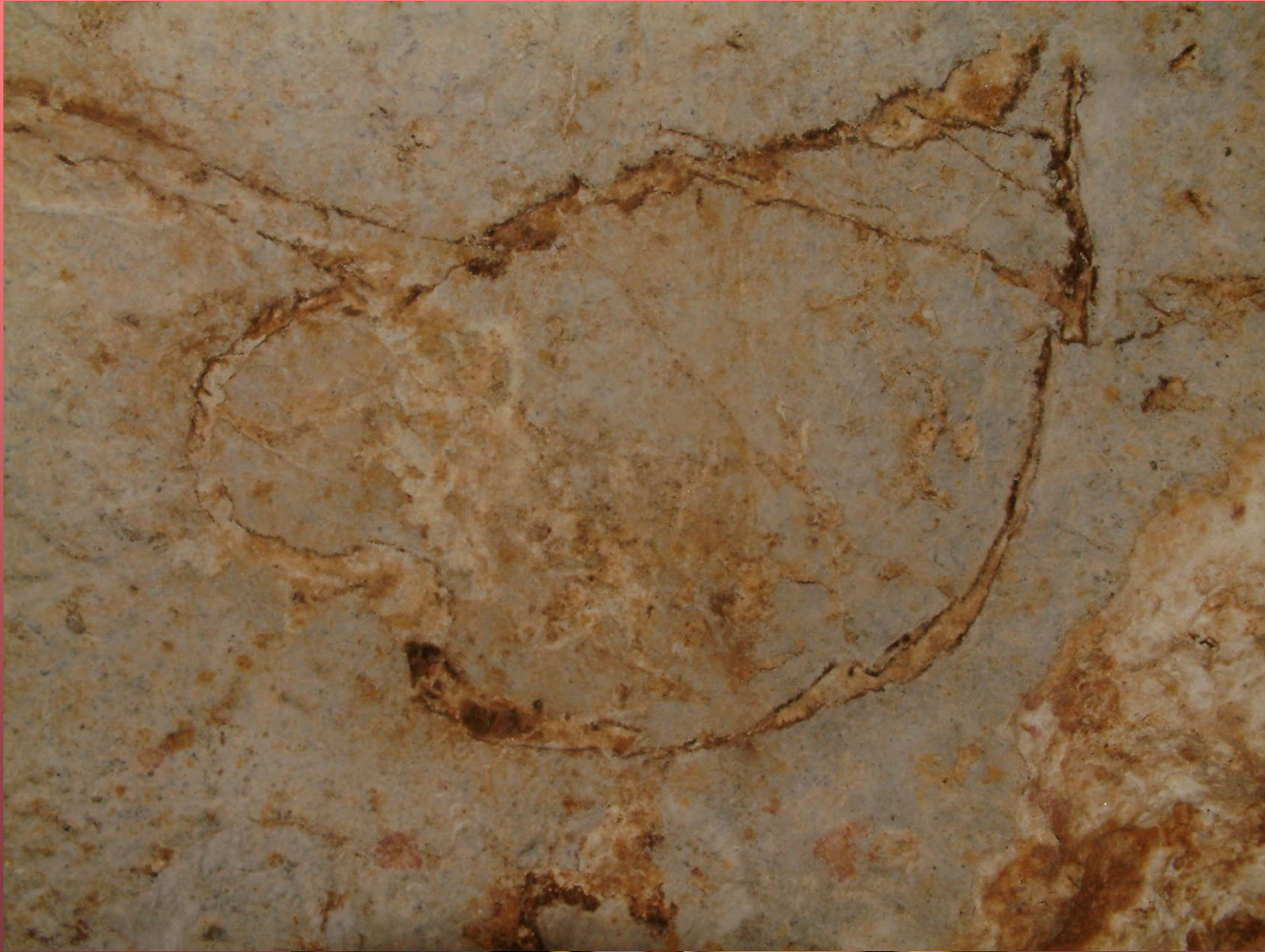


...or this....





...or this....



...or even this.





# We find gastropods... (or snails).

## EUOMPHALUS

The disc-shaped, coiled shell has a slightly raised spire. The whorls are stepped, owing to a narrow notch in the growth lines, forming a sharp ridge. Successive internal walls seal off early whorls.

- **HABITAT** It lived on marine vegetation.



Typical length 6cm (2½in)

*EUOMPHALUS PENTANGULUS* (J. Sowerby);  
Carboniferous Limestone; Carboniferous; Republic of Ireland.



TOP VIEW

• sharp ridge



CROSS SECTION



...here's one.





...we have nautiloids  
(like a squid with a shell).





....here's another one.





# We have crinoids (sea lillies).

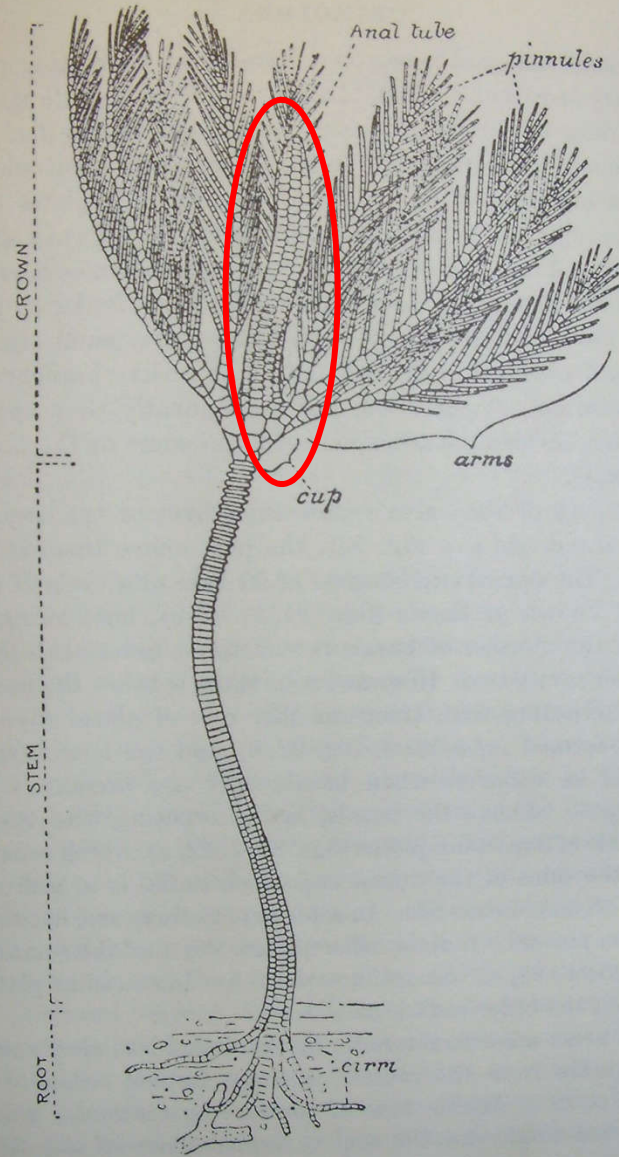


Fig. 76. *Botryocrinus decadactylus*, from the Wenlock Limestone—a simple form of Crinoid, seen from the posterior inter-radius. (From the *Guide to the Geol. Dept., Brit. Mus.*) Natural size.

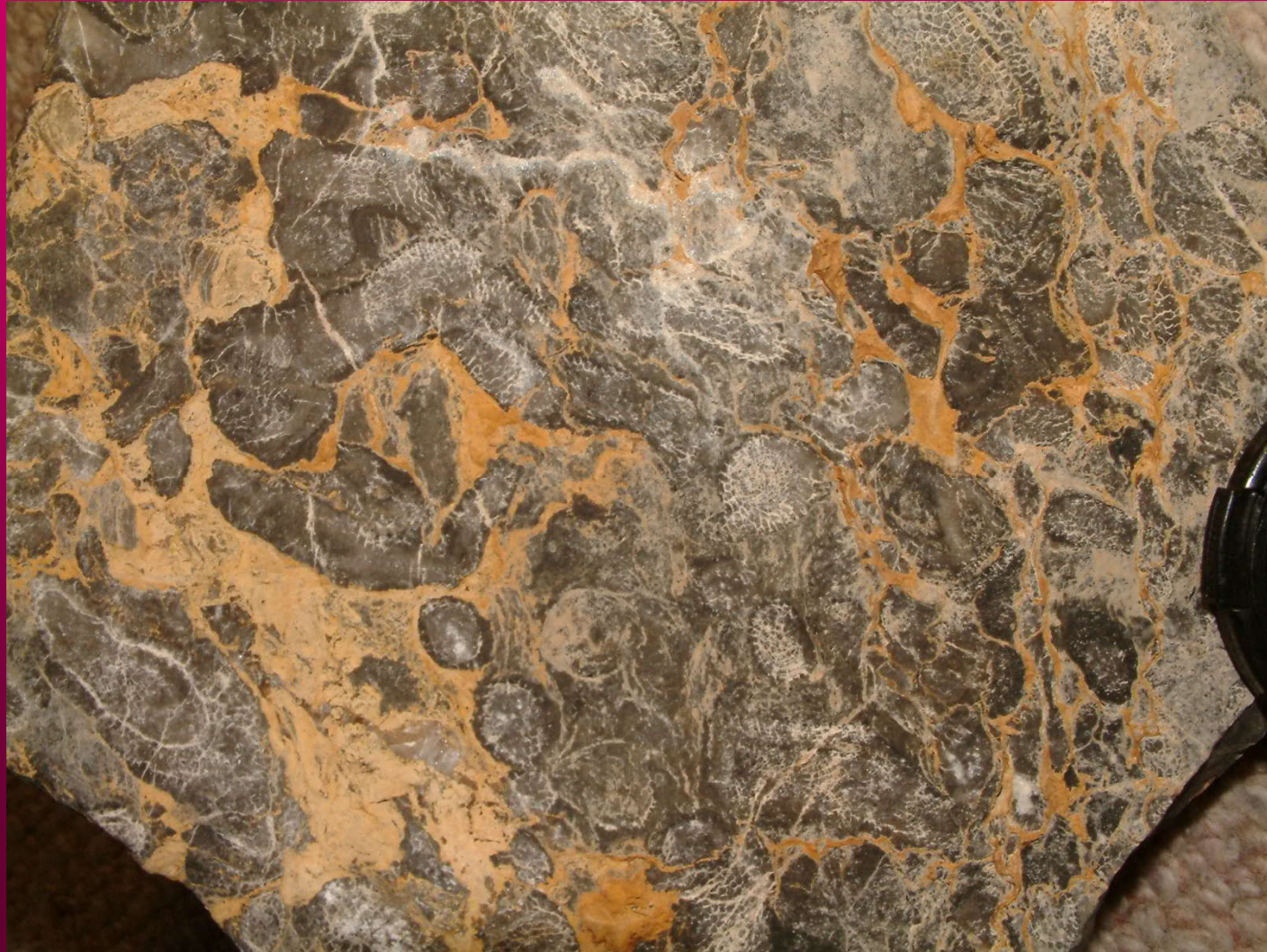


We've got corals....



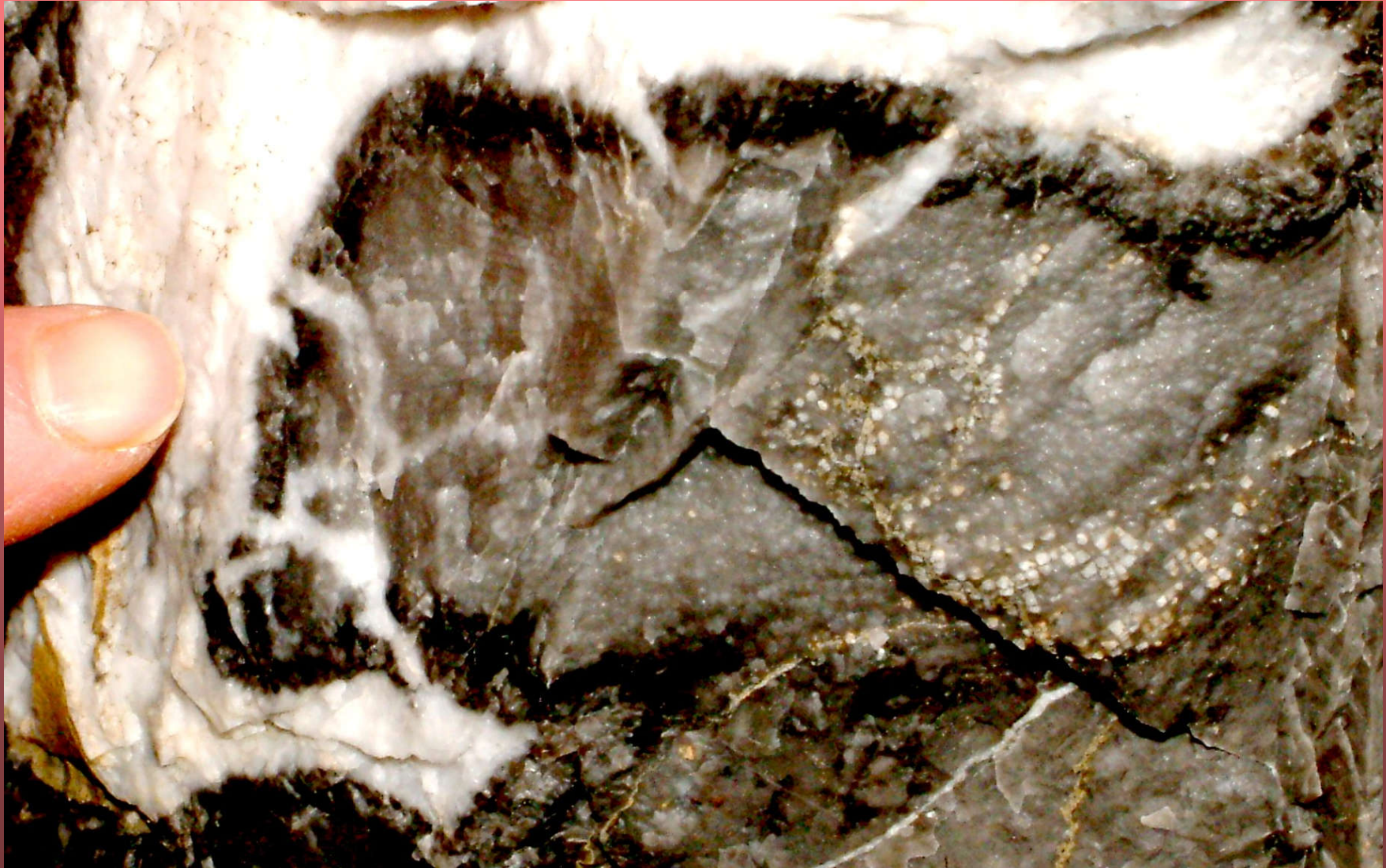


...lots of them...





...and even more...





# Corals and clays??..



In the reef complex there are reef forming corals, stones of broken coral, and fine limey sediments which are all filled in with clays.



Stones...little ones....





...and big ones.





# New Questions....





Conclusion....we  
don't know (yet) but  
we see a lot of it  
throughout Jenolan  
Caves

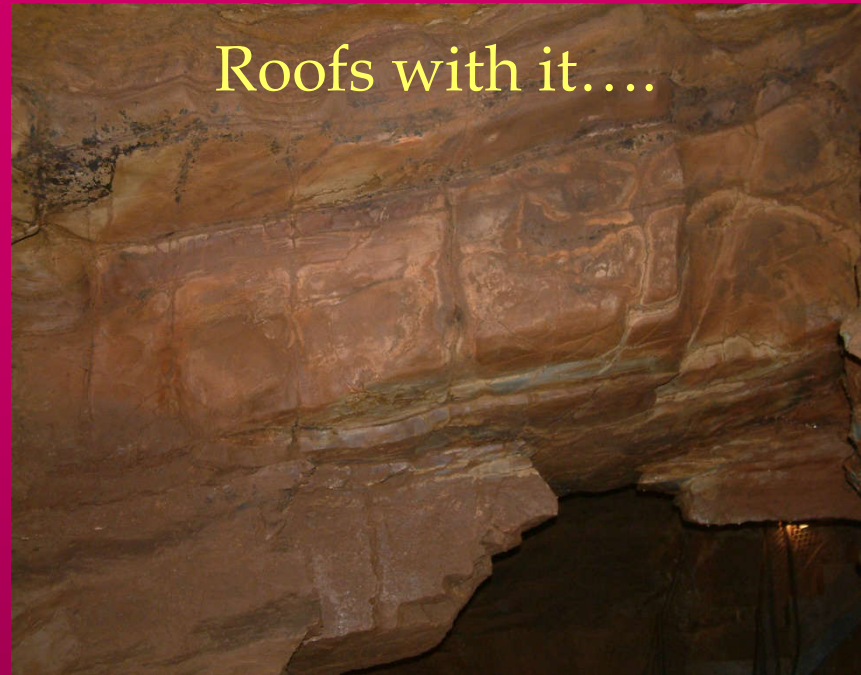
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Clumps of it...



Roofs with it....



Crystals over it....



Walls of it....

...but our favourite fossil of  
them all is...



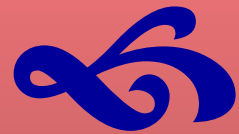
Ted Matthews

Jenolan's  
resident fossil  
expert!

Presentation by 'Dr Dan' Catchpoole  
BSc, PhD, fossil finder and powerpoint whiz.



# Jenolan Caves



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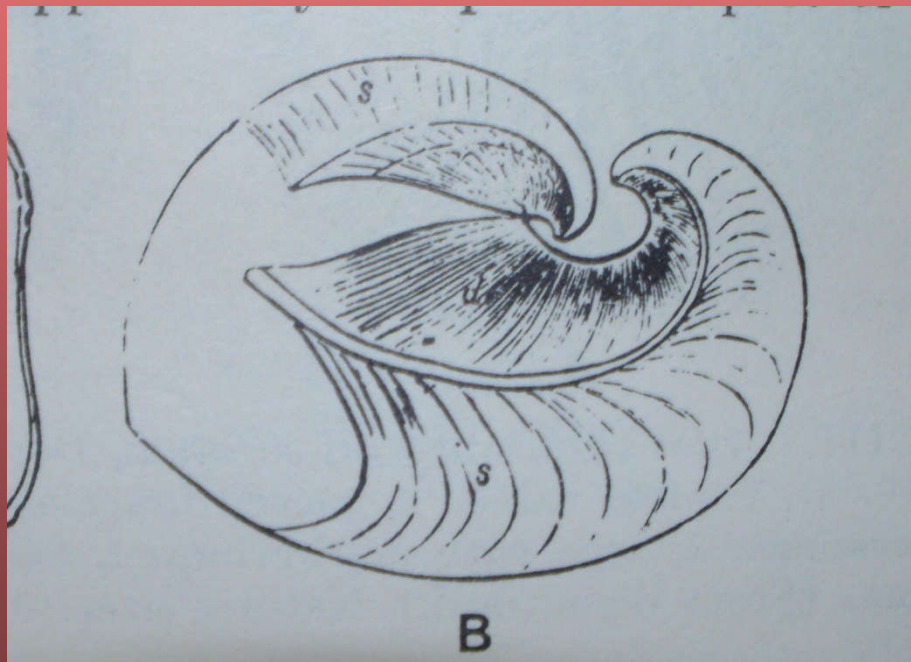
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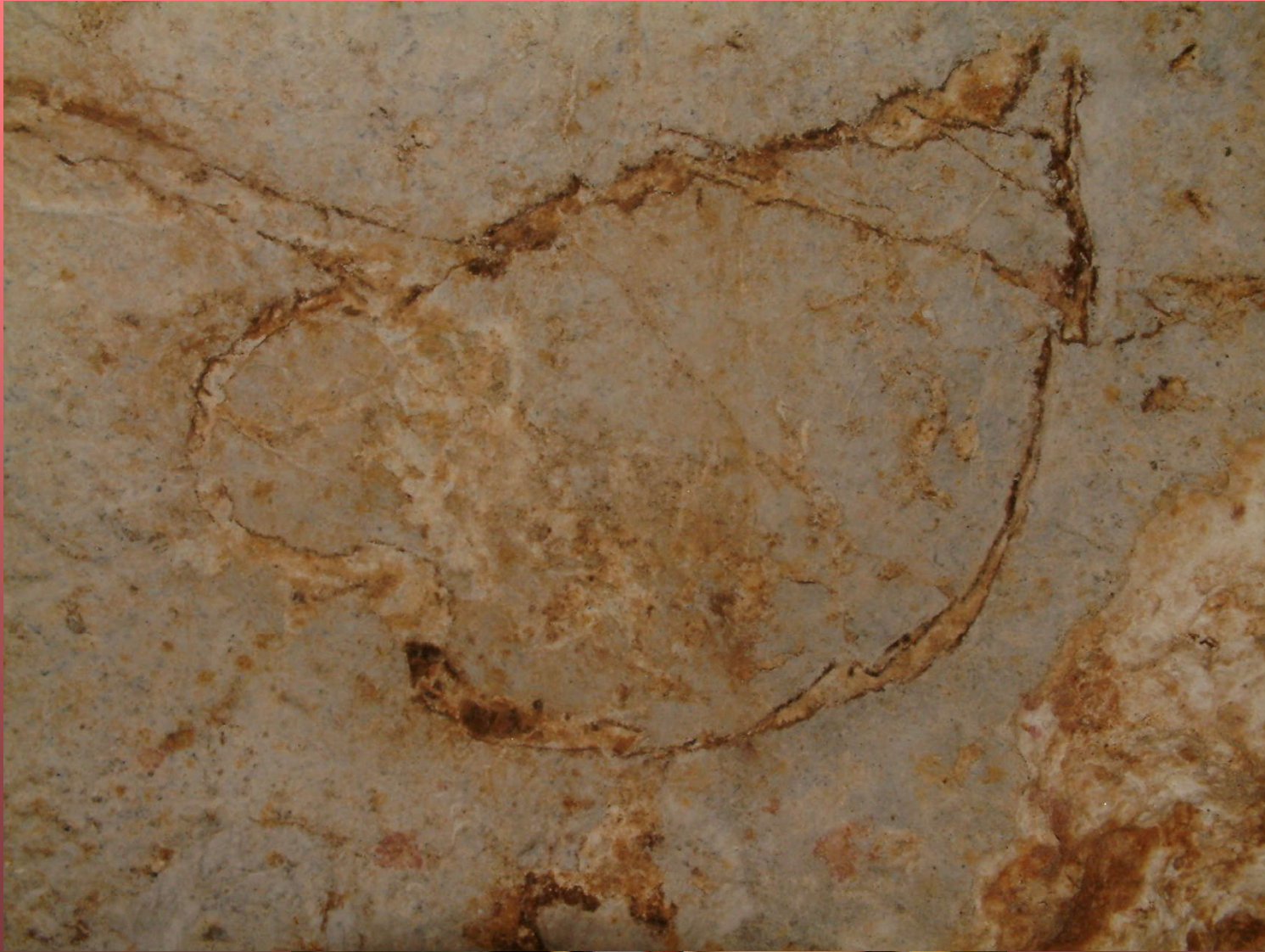




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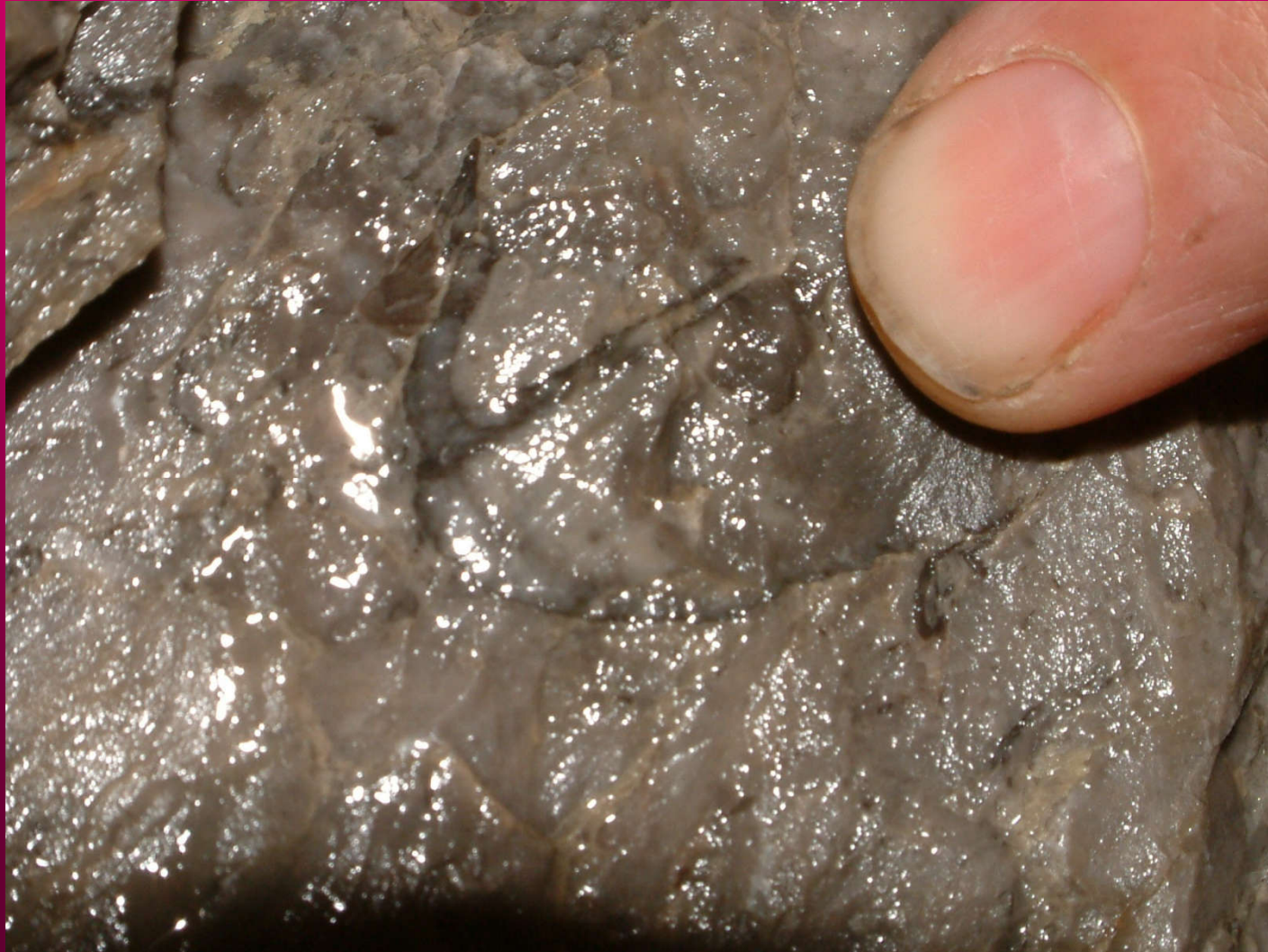


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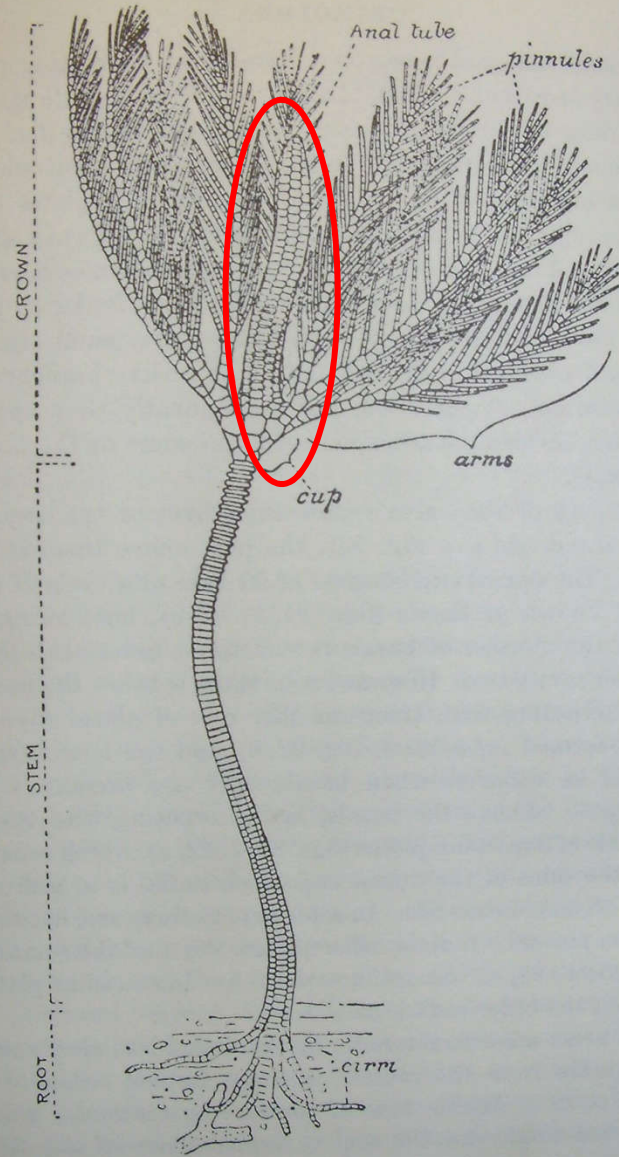


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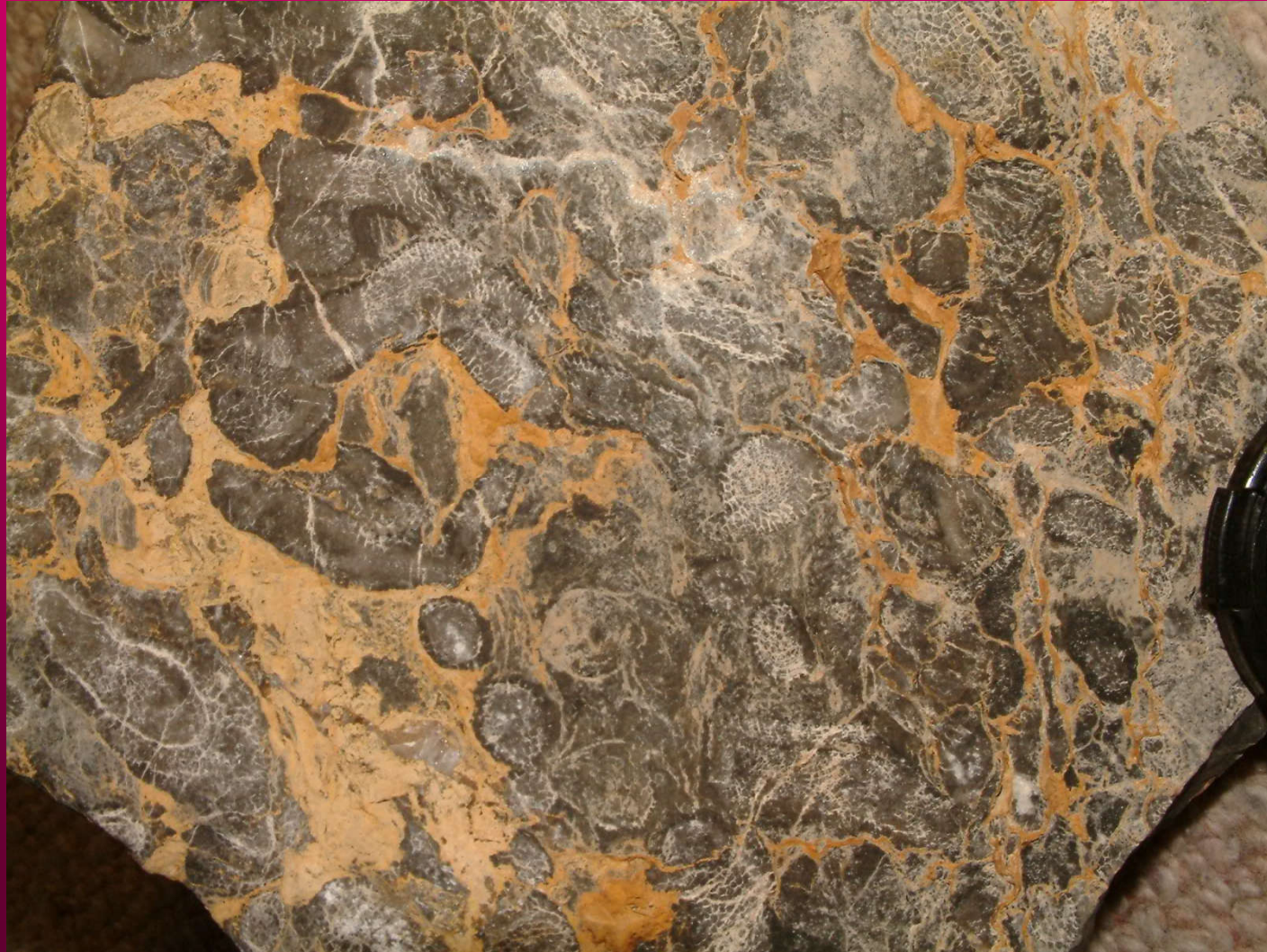




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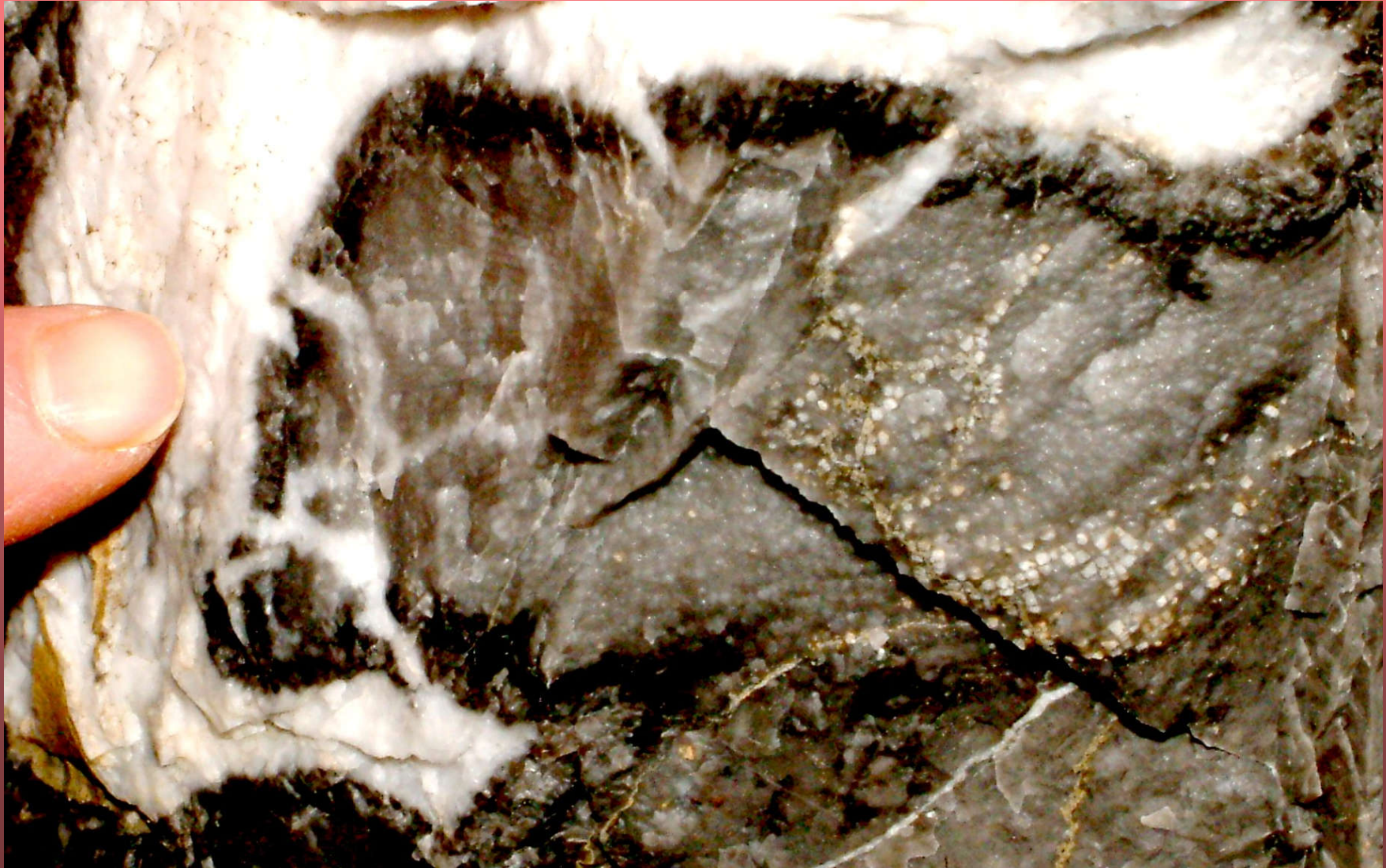


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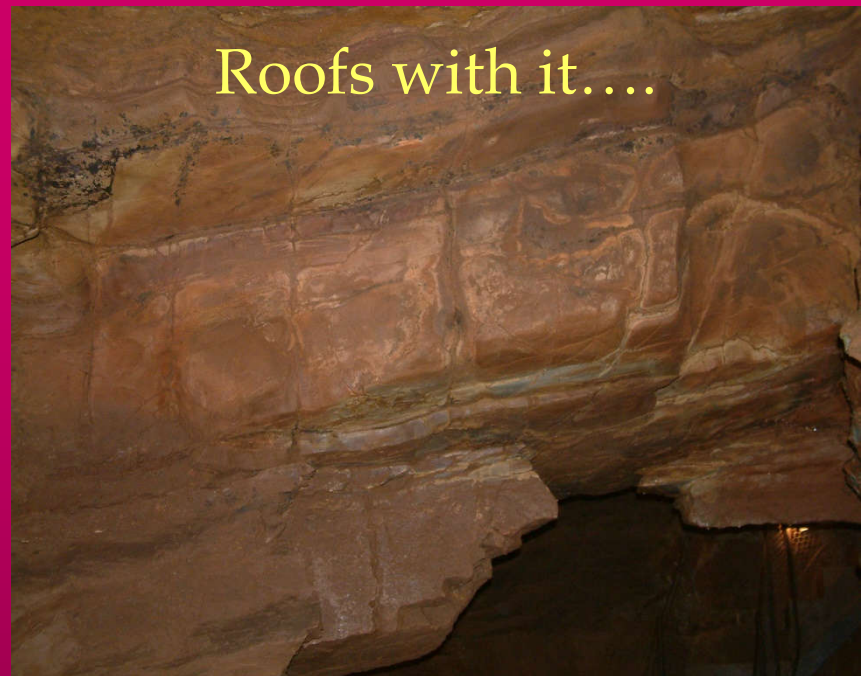
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