



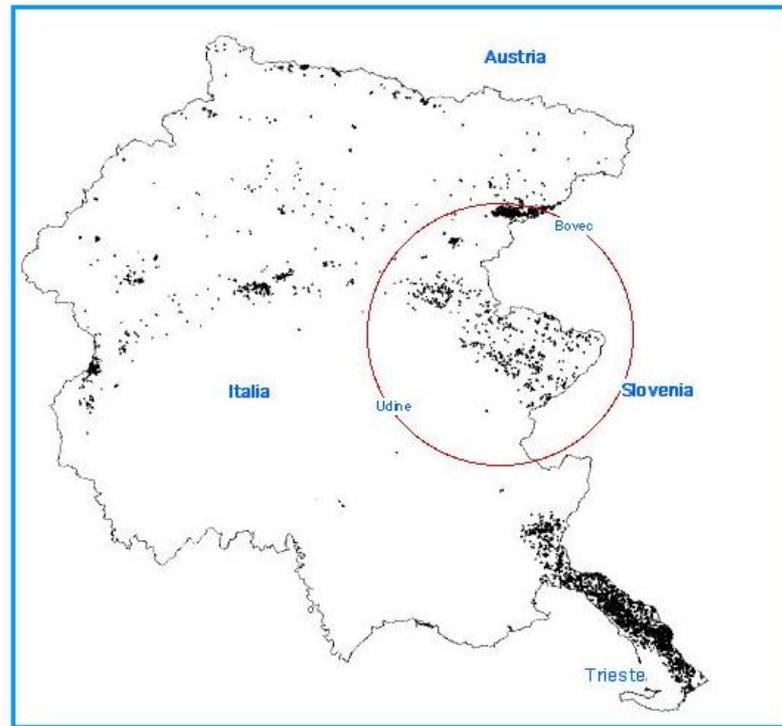
Neotettonica nelle cavità

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Il Friuli Venezia Giulia per la conformazione geologica e le sue quasi settemila grotte è una regione particolarmente favorevole per questo genere di studi.



*Caves distribution - Friuli Venezia Giulia Region - North East Italy
Distribution des grottes dans la region du Friuli Venezia Giulia- North Est Italie
Distribuzione delle cavità nel Friuli Venezia Giulia - Nord Est Italia*

The circle indicates the studied area

Le cavità naturali, in virtù delle loro particolari condizioni ambientali, conservano al loro interno le tracce dei movimenti dovuti ai terremoti del passato ed al lento mutare e sollevarsi delle catene montuose.

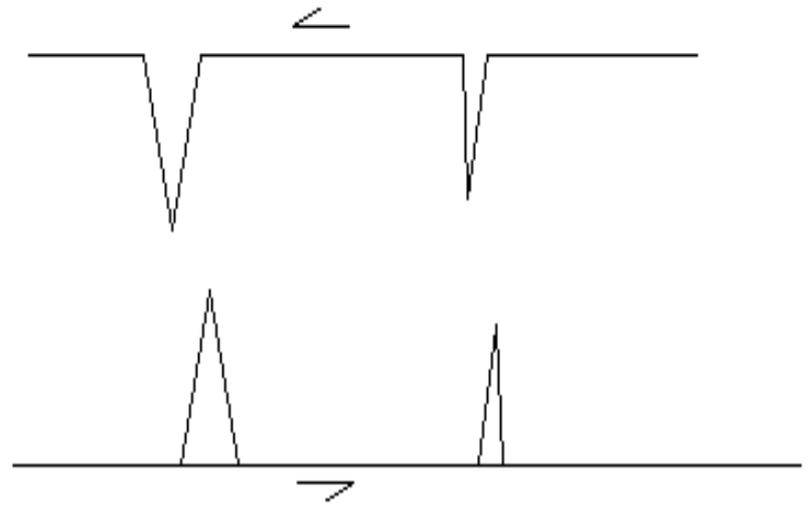
Alcune grotte possono essere considerate alla stregua di grandi registratori, ubicati nel cuore delle montagne, in grado di conservare le tracce di movimenti anche millimetrici. e di fornire utili dati per la comprensione dell'evoluzione tettonica e sismica.

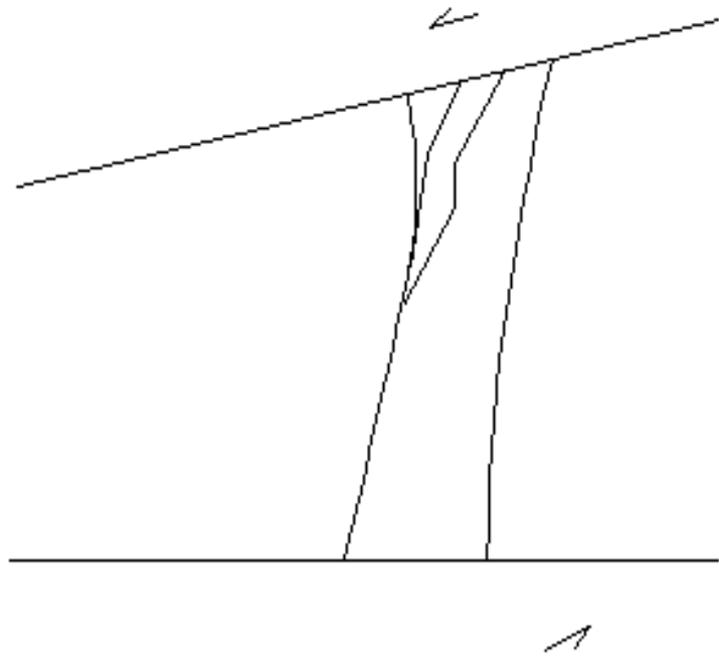
Le morfologie rilevate consentono, infatti, di riconoscere le faglie attive e di valutare o di misurare l'entità degli spostamenti recenti ed attuali.

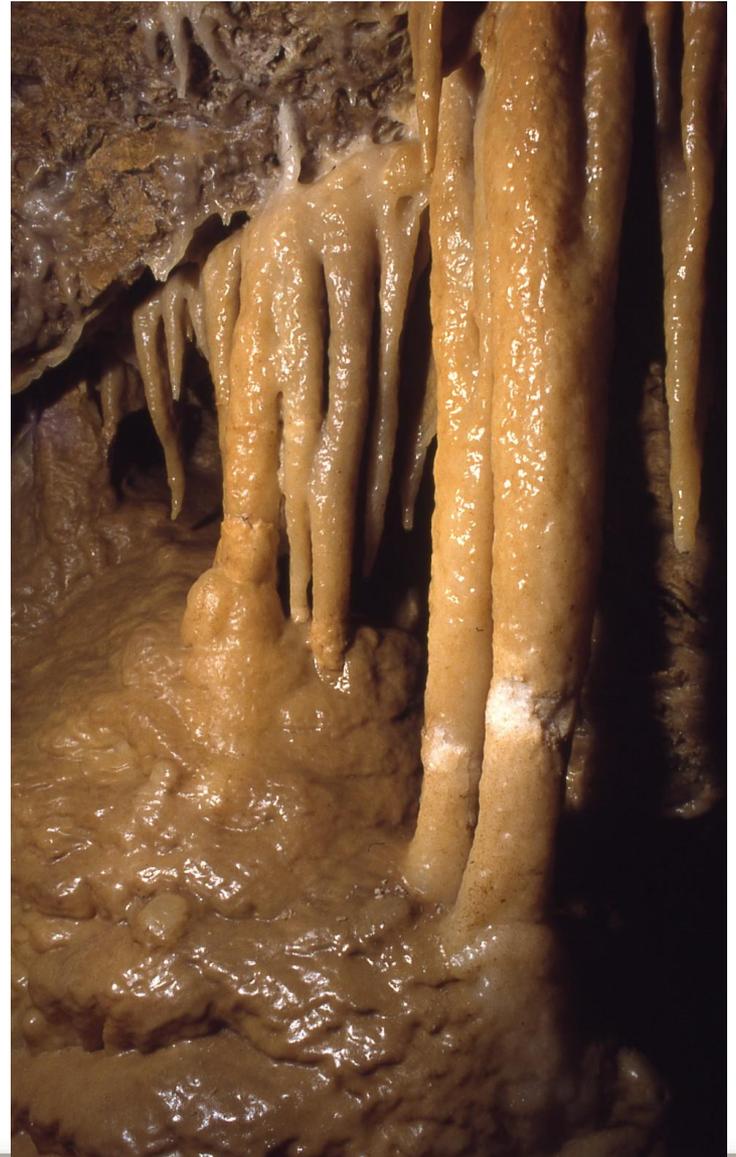
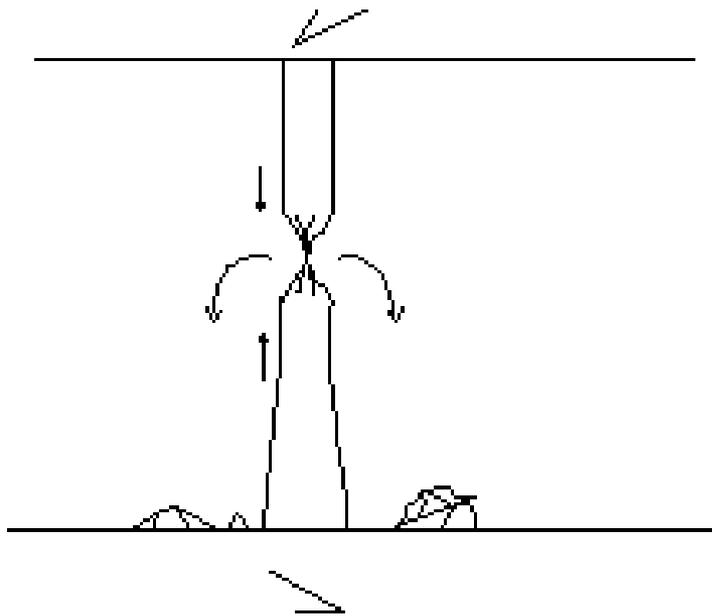
Le cavità naturali ed in particolare gli speleotemi (stalattiti, stalagmiti e colate) possono essere utilizzati come strumenti per analisi tettoniche e paleosismiche.

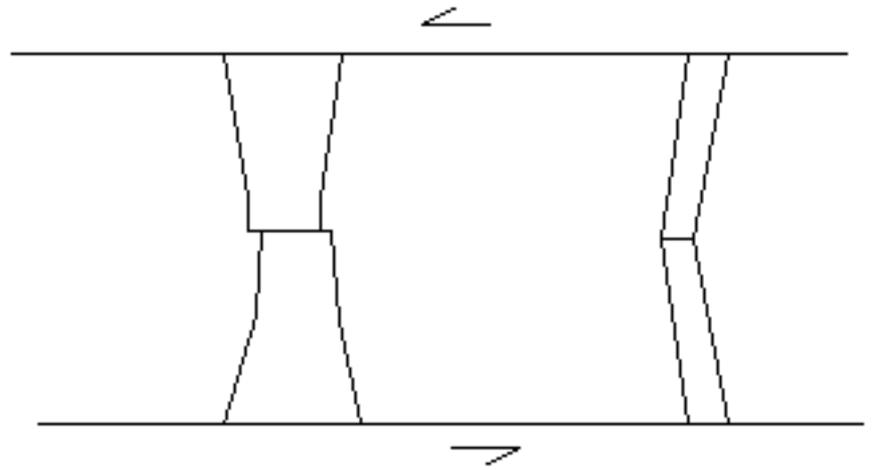
Essi possono fornire informazioni su:

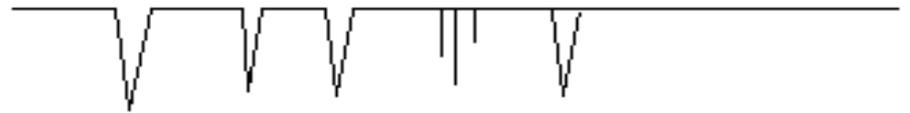
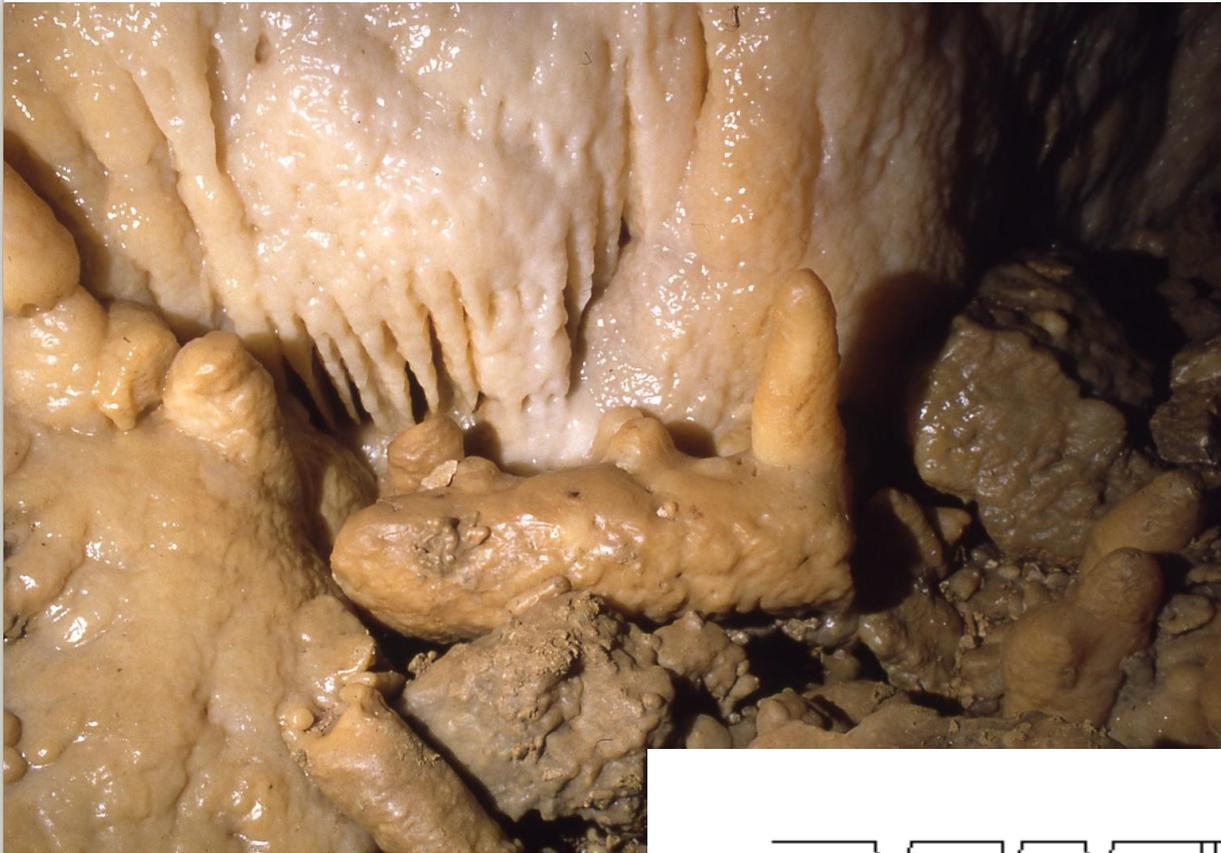
- localizzazione degli epicentri dei terremoti del passato,
- datazione assoluta o relativa dei terremoti (negli ultimi 500.000 anni),
- magnitudo dei terremoti,
- localizzazione delle strutture attive,
- direzione e ampiezza dei movimenti passati ed attuali.

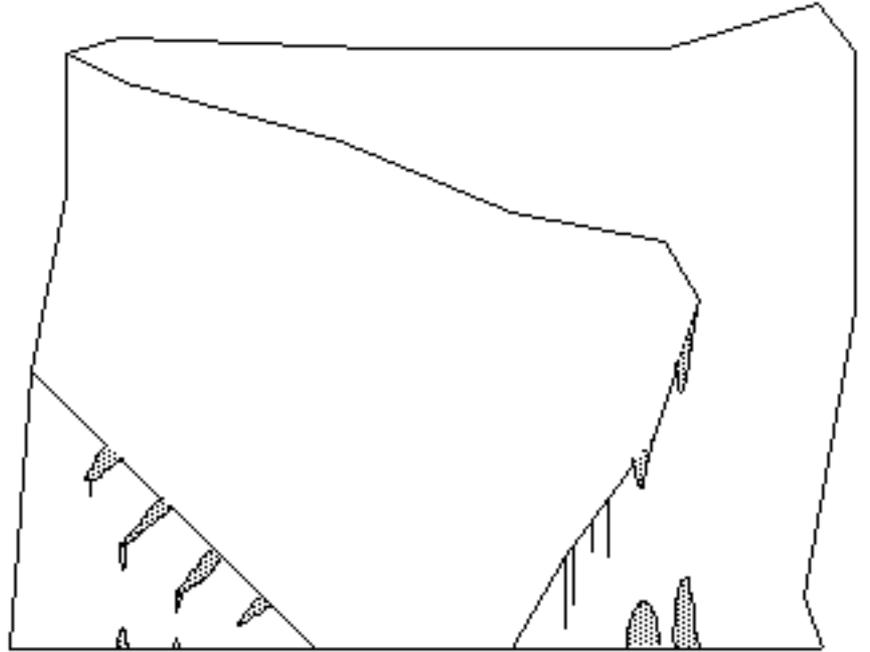
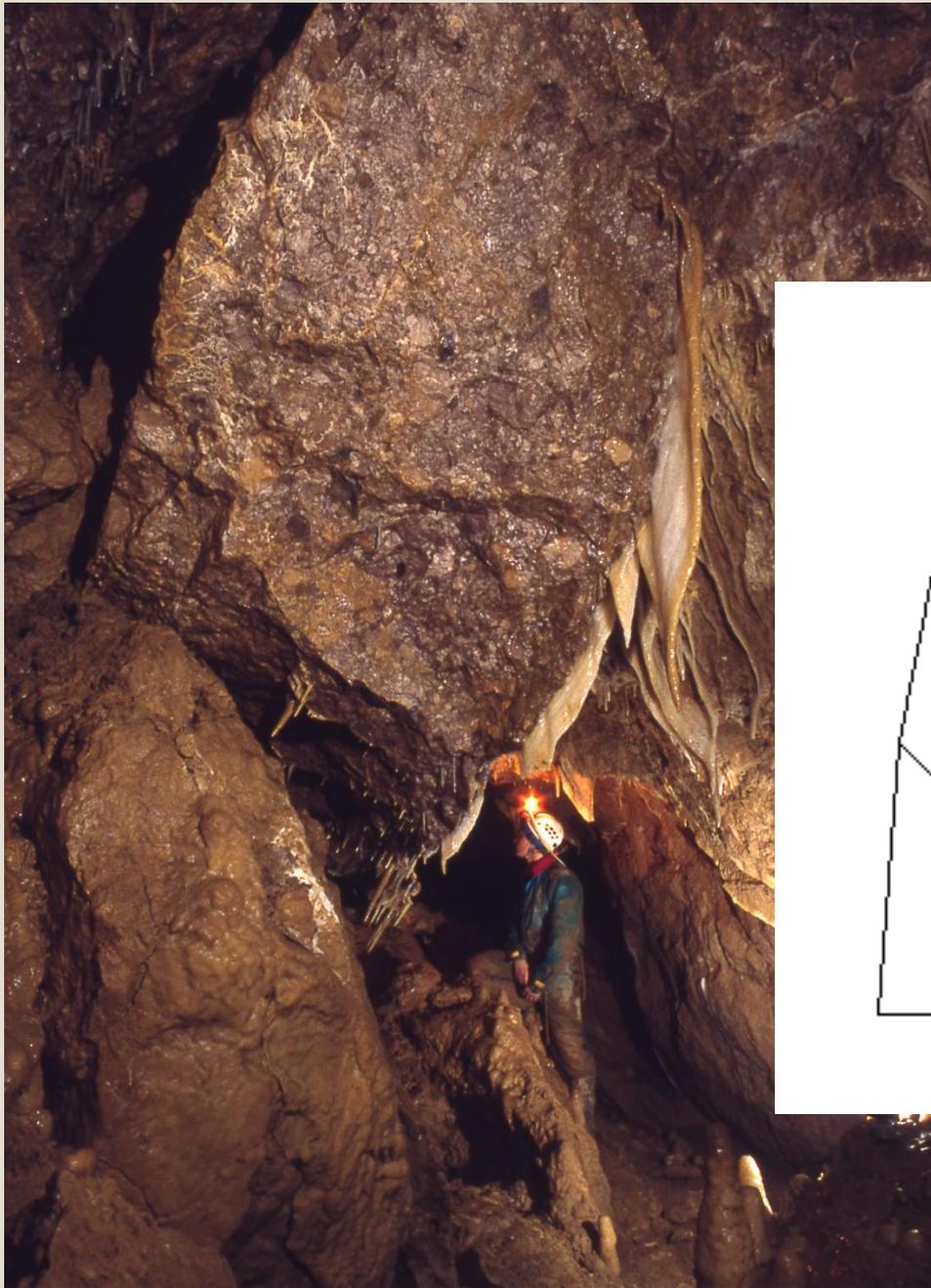


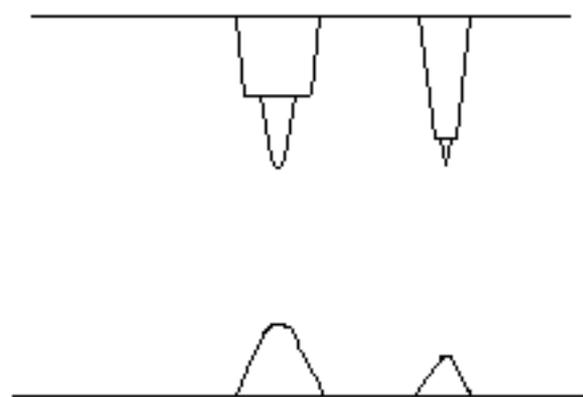
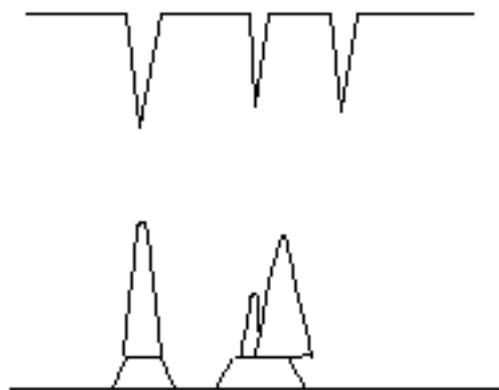
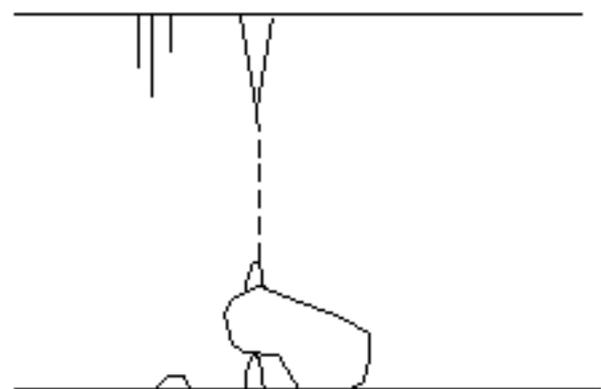


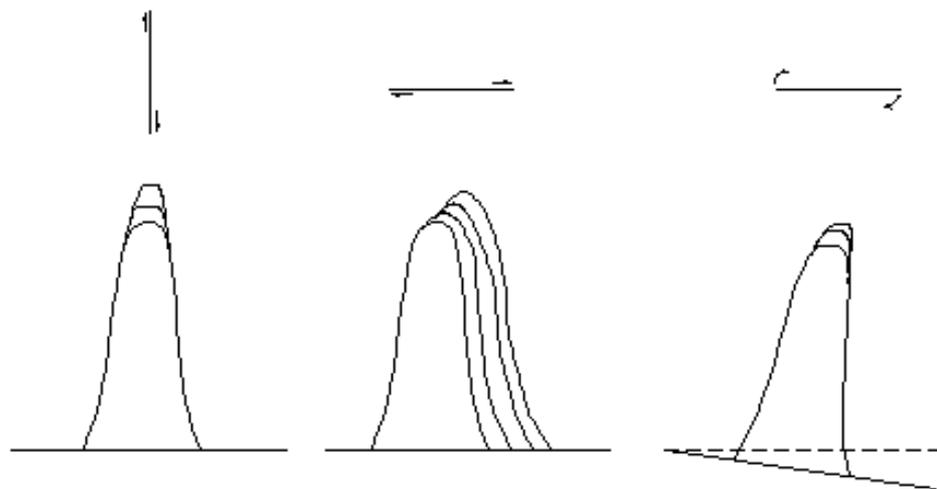
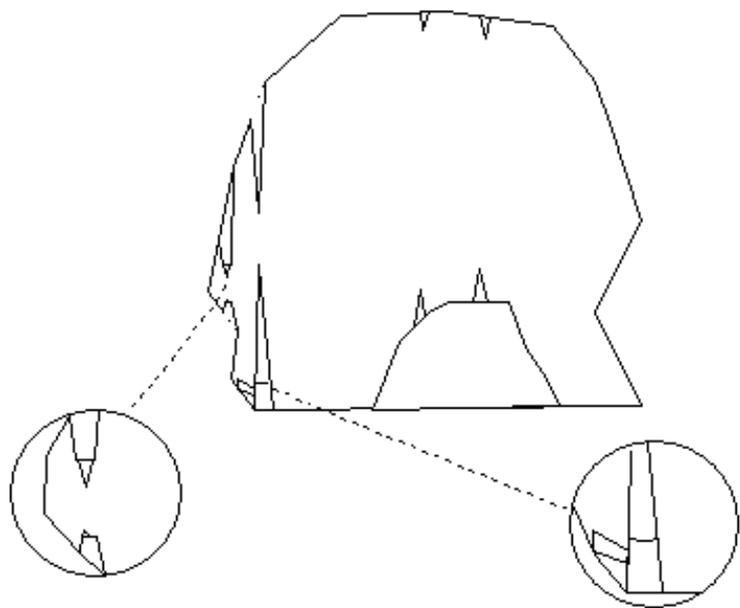


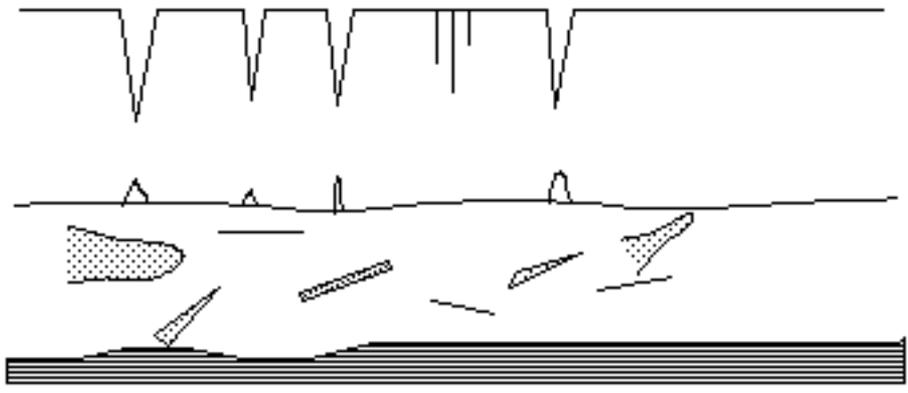
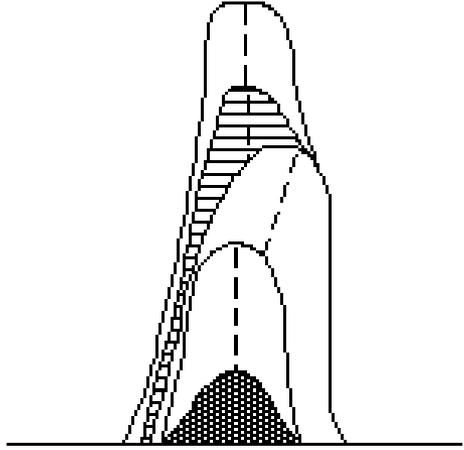


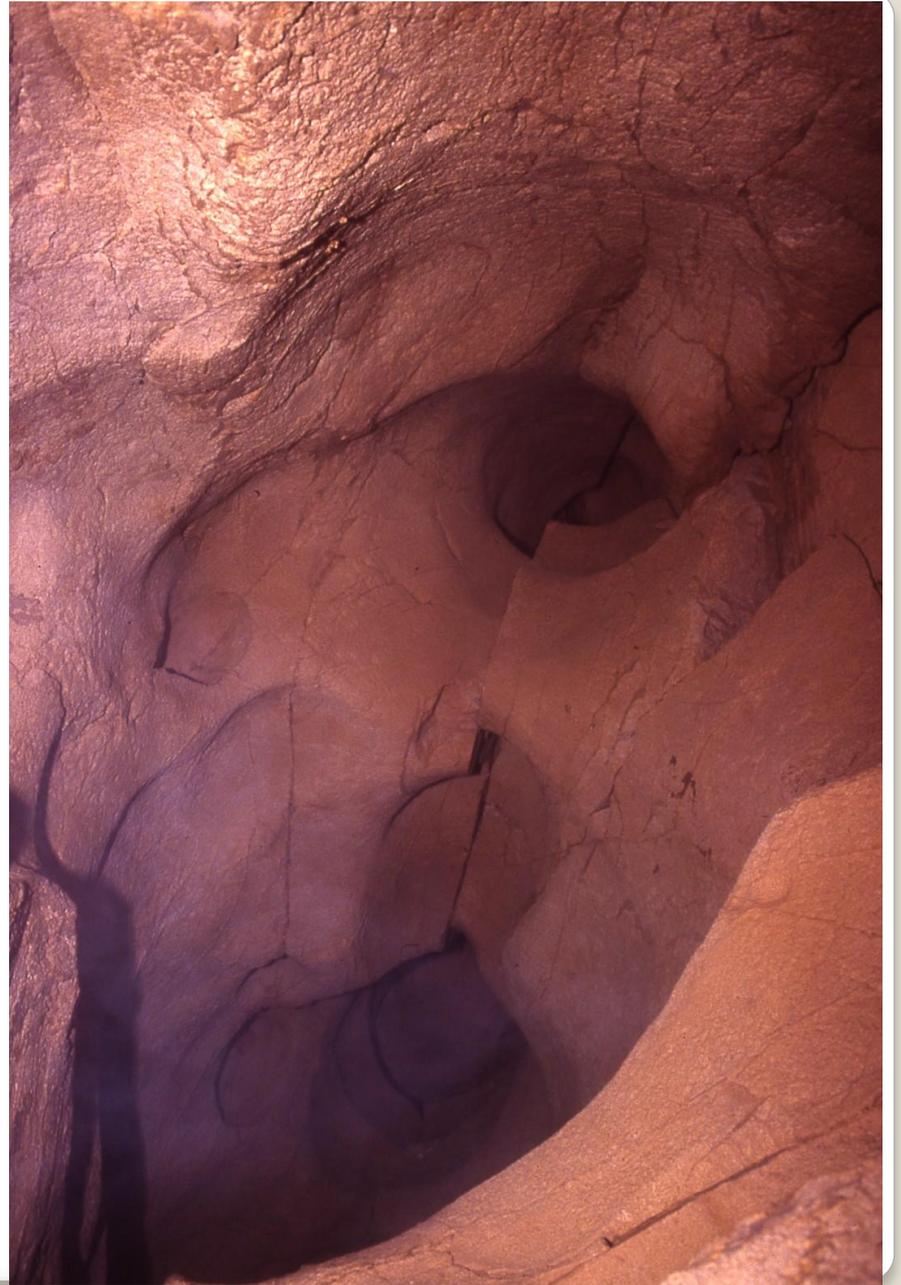
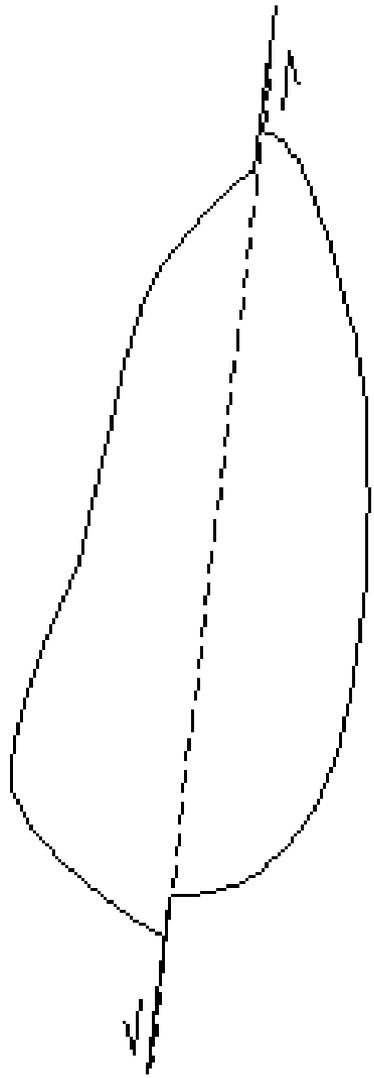


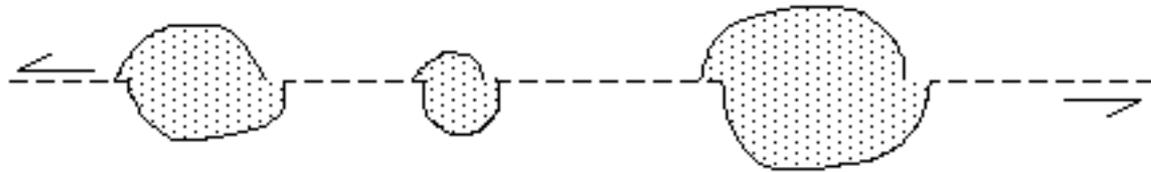


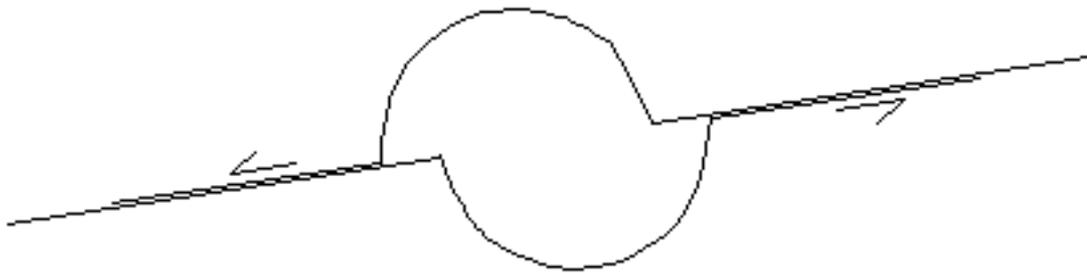


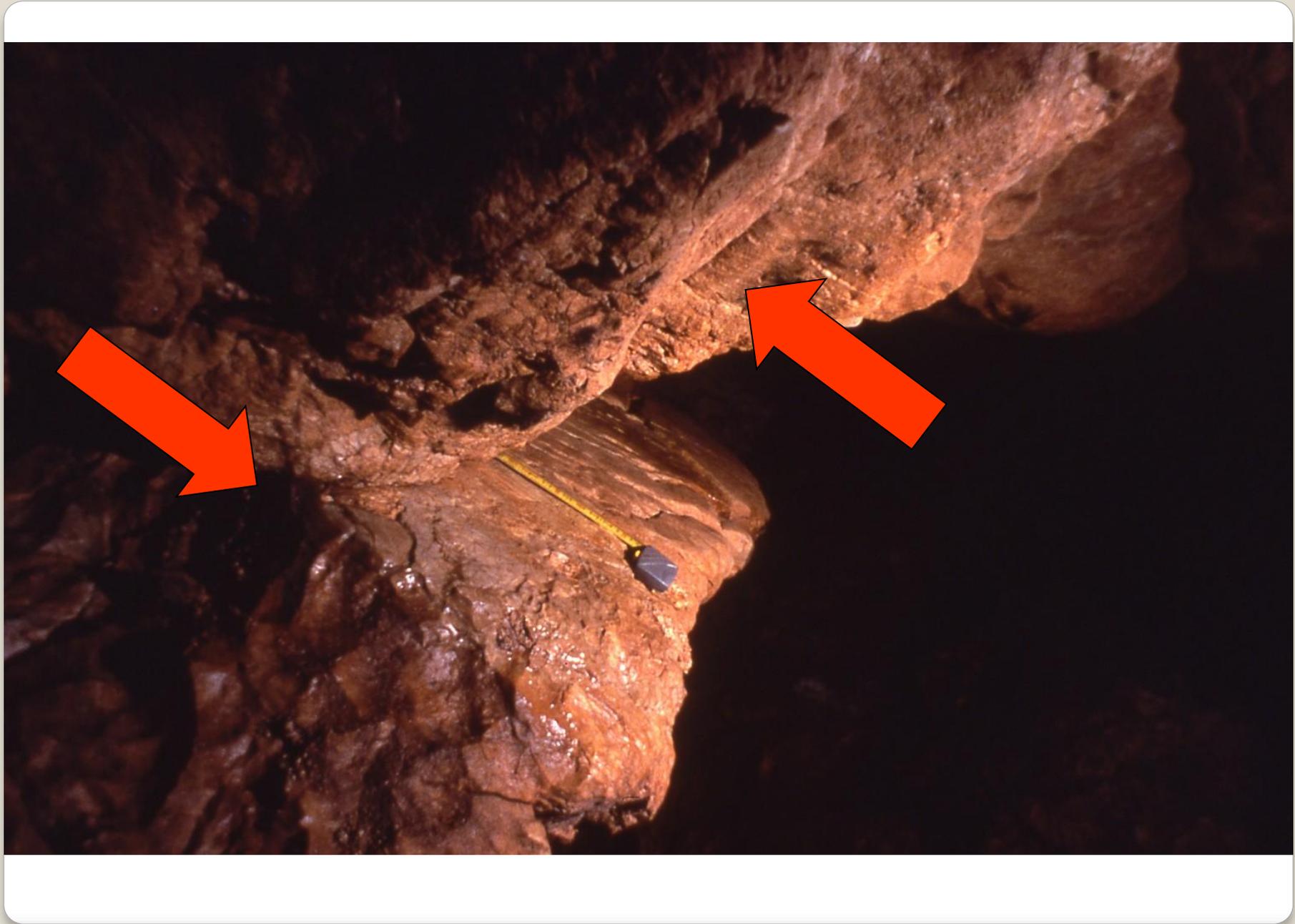




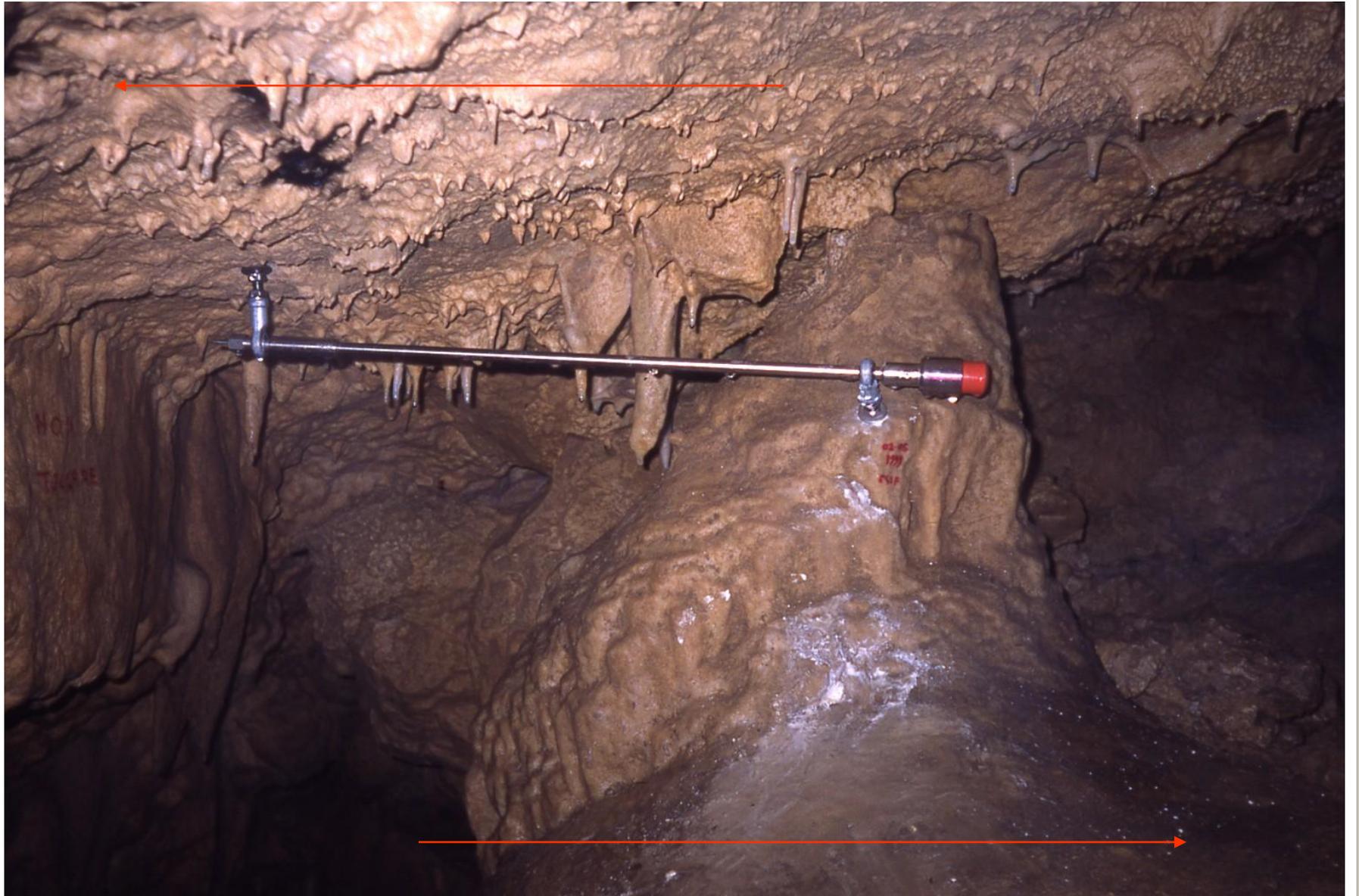






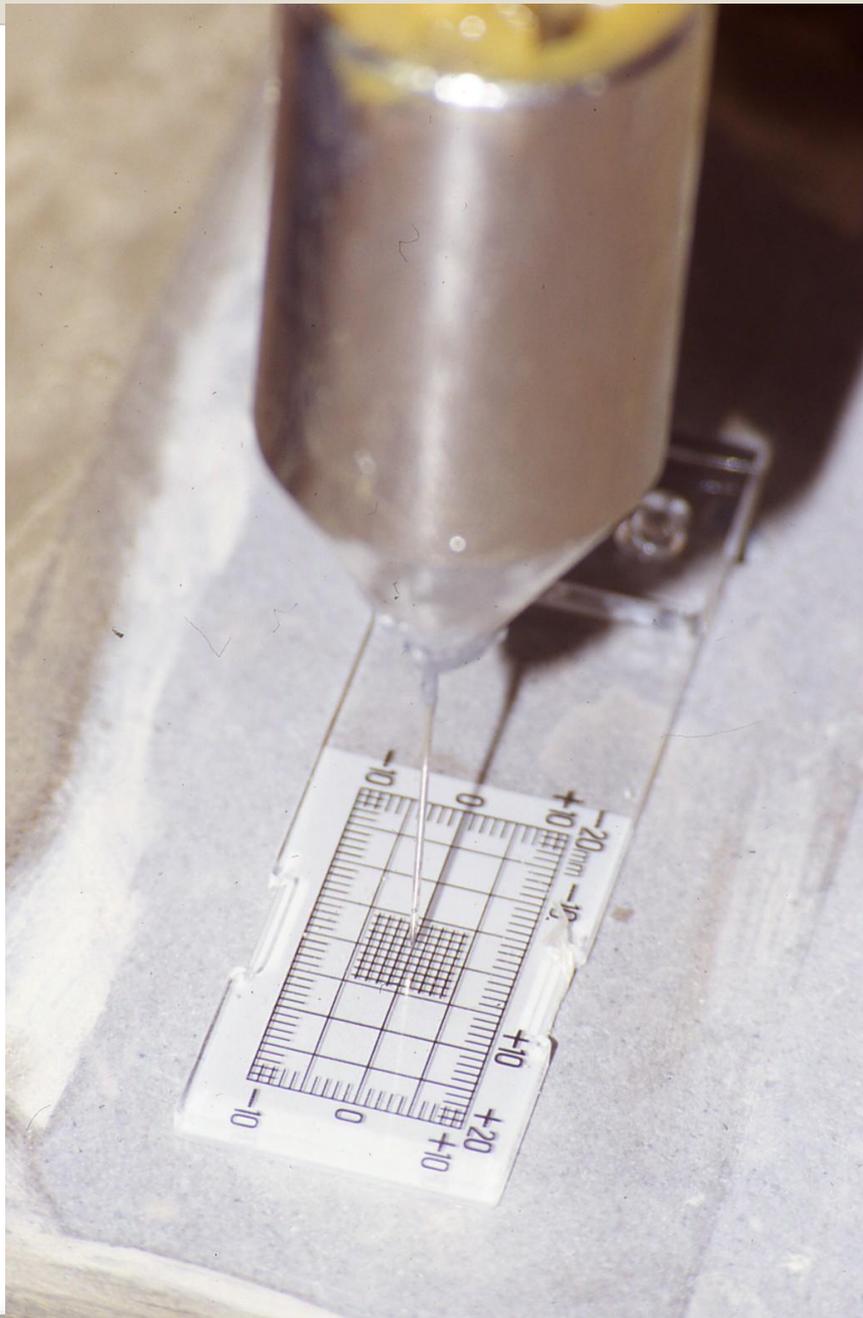


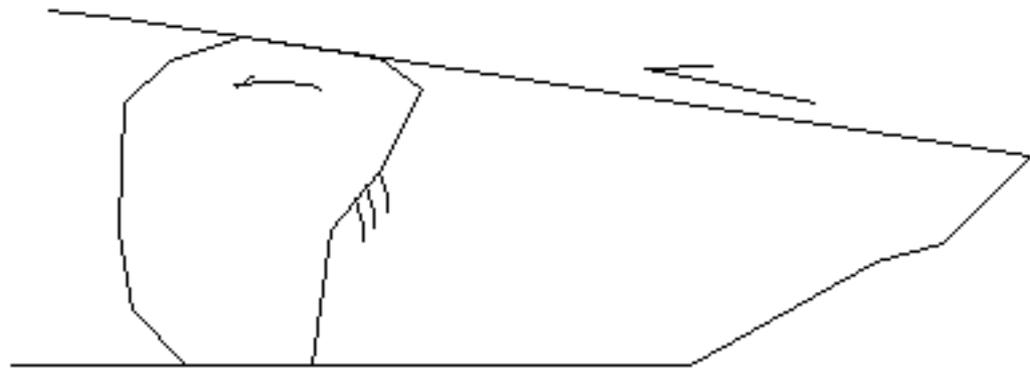
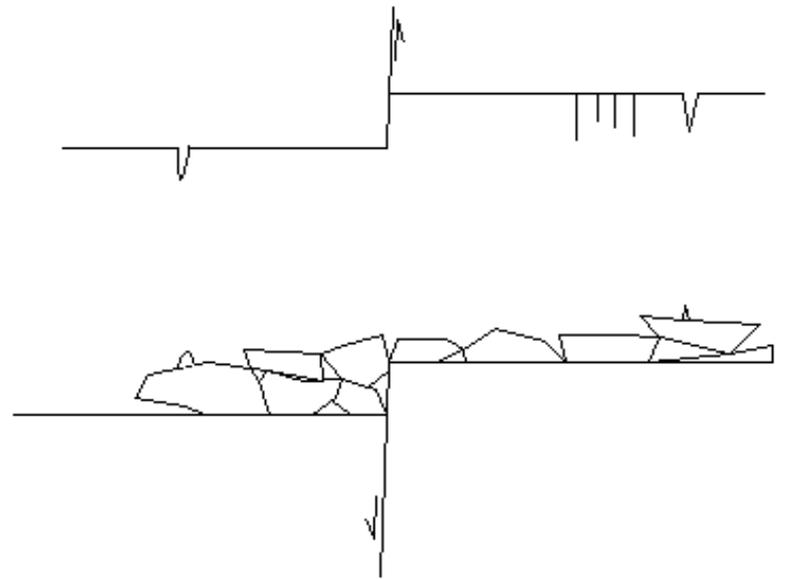
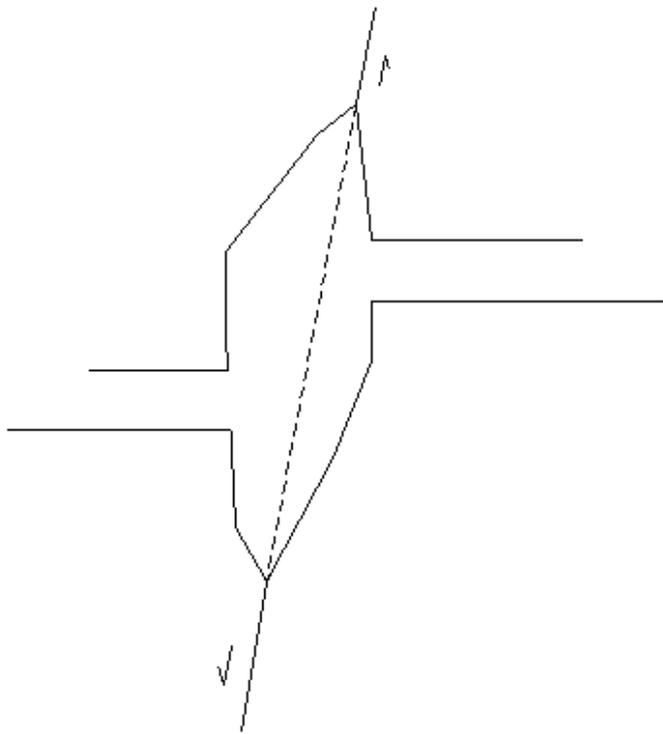














Grazie per la speleoattenzione