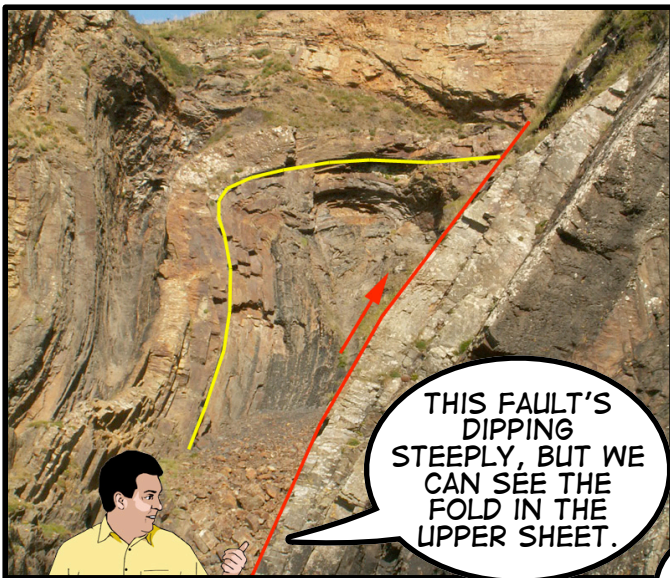
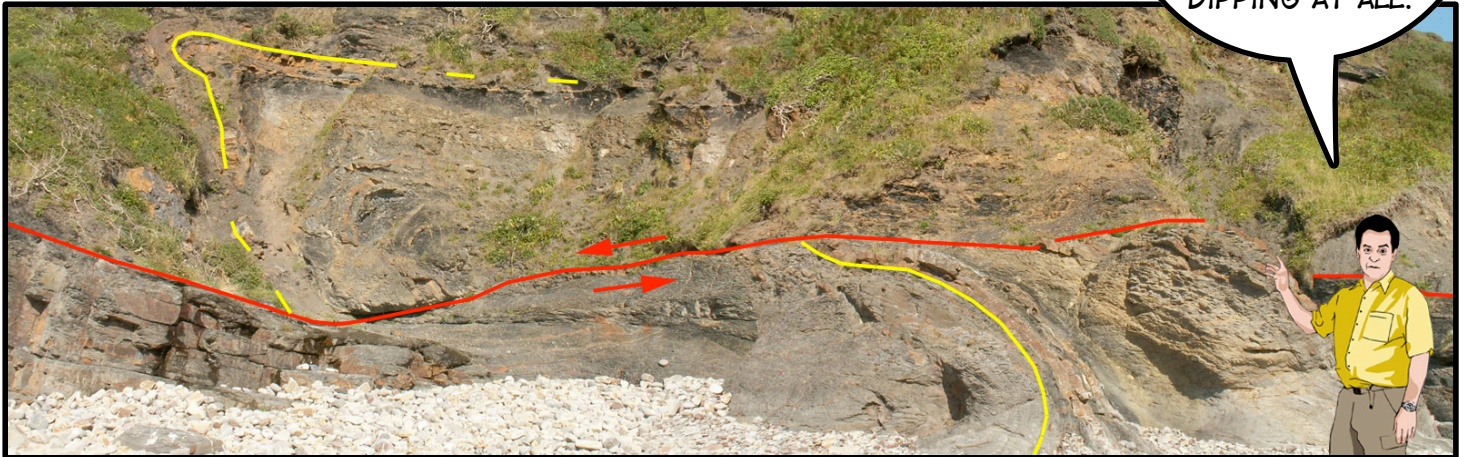




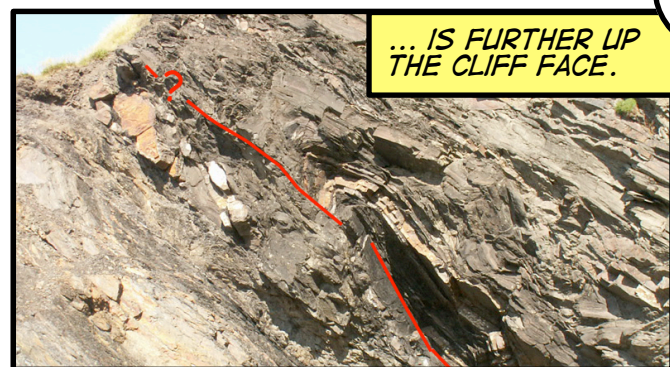
AS WE CAN SEE
IN THIS SMALL
NAPPE, FROM
SOUTHERN WALES,
THAT HAS AN
UNDULATING FAULT
THAT IS HARDLY
DIPPING AT ALL.



THIS FAULT'S
DIPPING
STEEPLY, BUT WE
CAN SEE THE
FOLD IN THE
UPPER SHEET.



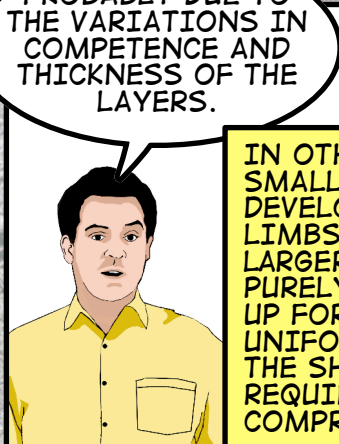
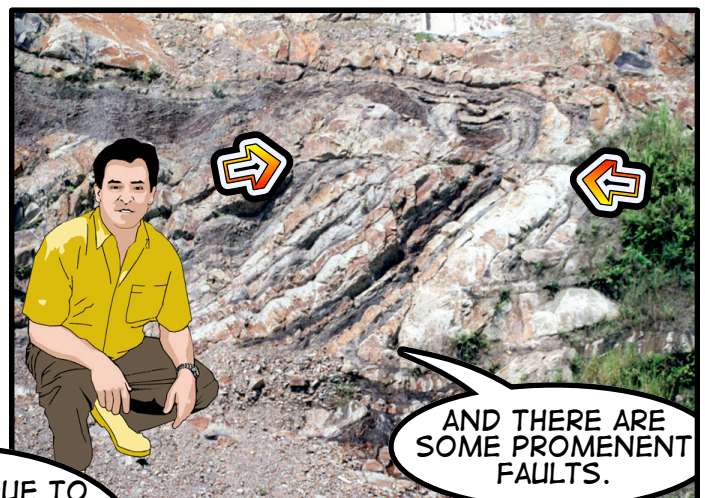
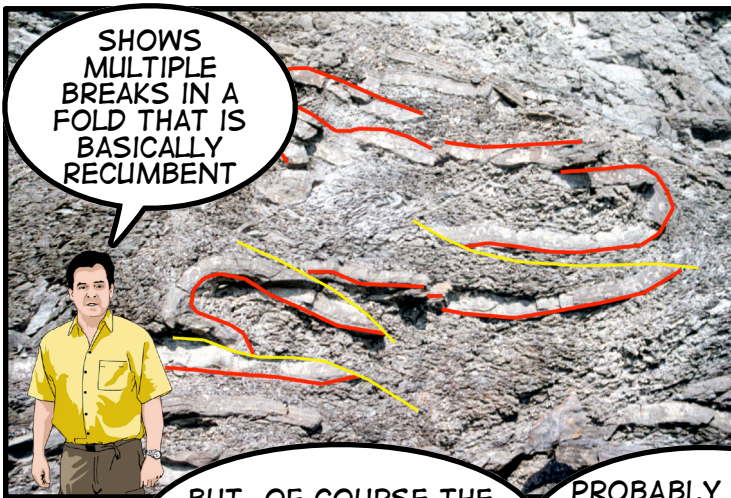
HERE WE CAN
SEE THE FAULT,
BUT THE
BISECTED
FOLD ...



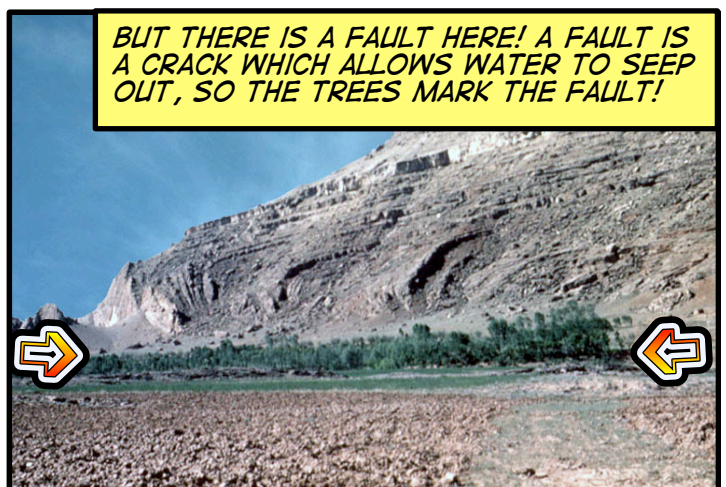
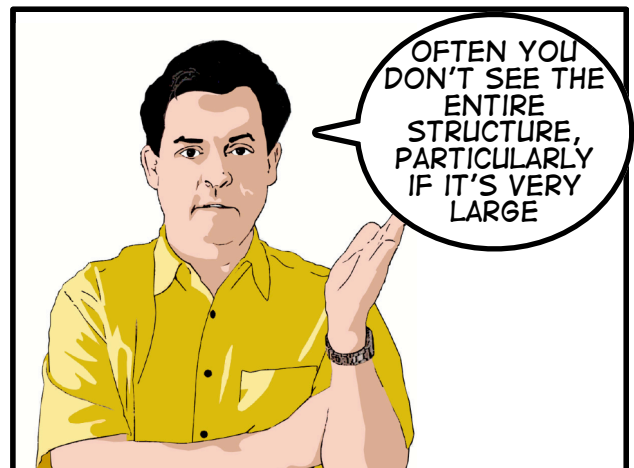
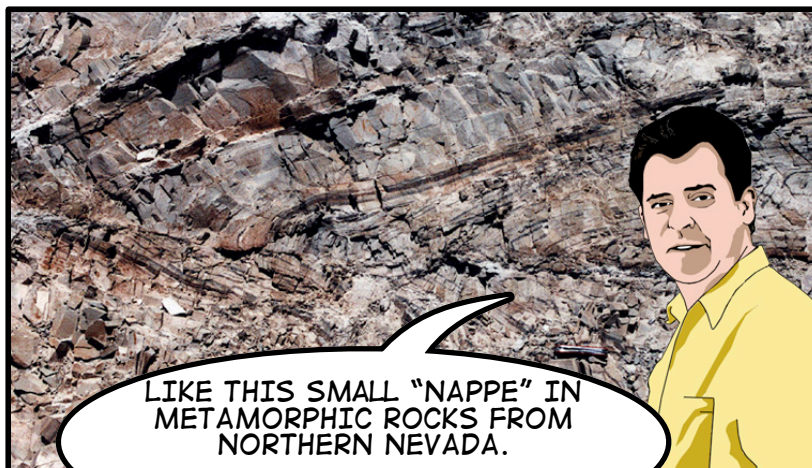
... IS FURTHER UP
THE CLIFF FACE.

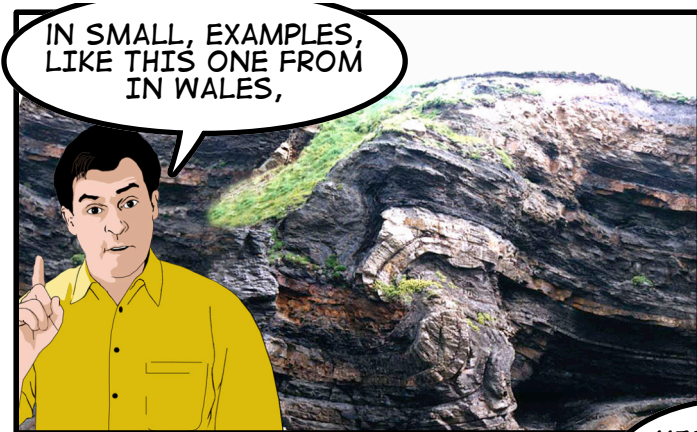


THIS OUTCROP,
ON THE ISLAND
OF BORNEO,



IN OTHER CASES SMALL FOLDS DEVELOP ON THE LIMBS OF A LARGER FOLD, PURELY TO MAKE UP FOR THE NON-UNIFORMITY OF THE SHORTENING REQUIRED BY THE COMPRESSION.





WE CAN SEE THE ENTIRE STRUCTURE.

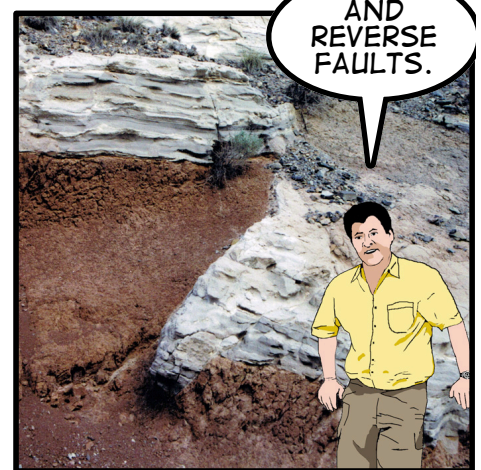
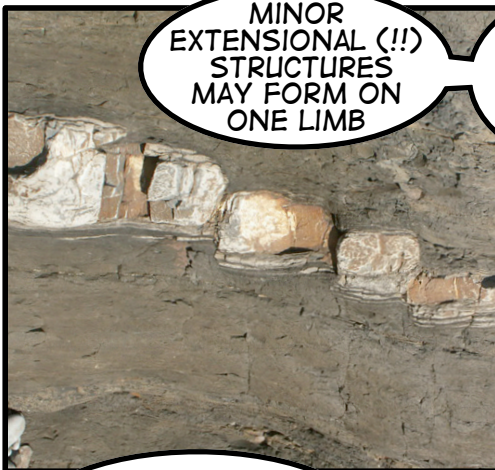


HERE'S THE BASAL PART OF THE NAPPE STRUCTURE.



MINOR EXTENSIONAL (!!) STRUCTURES MAY FORM ON ONE LIMB

AND COEXIST SIDE BY SIDE WITH SIMPLE FOLDS,

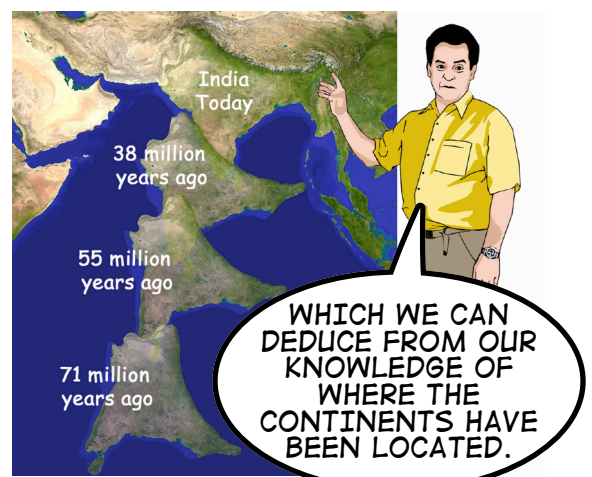


AND REVERSE FAULTS.

ALL THESE STRUCTURES EXIST TO ACCOMMODATE THE COMPRESSION



WHICH ITSELF RESULTS FROM OUR COLLISION.



WHICH WE CAN DEDUCE FROM OUR KNOWLEDGE OF WHERE THE CONTINENTS HAVE BEEN LOCATED.

AT VARIOUS TIMES IN THE PAST -- WHICH IMPLIES A KNOWLEDGE OF HOW TO LOCATE THEM GEOGRAPHICALLY.



Alpha Decay

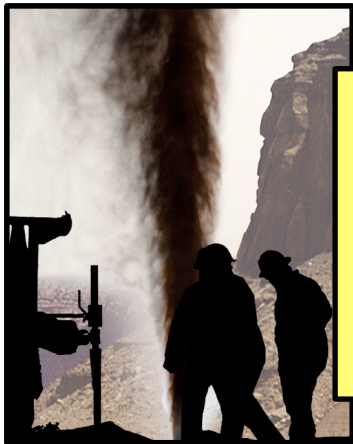
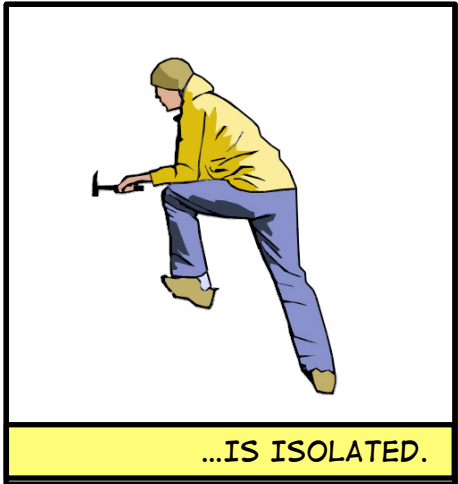
AND HOW TO DATE THEIR MOVEMENTS

nucleus alpha



WHICH MEANS THAT CONTINENTAL COLLISIONS ARE RELATED TO MANY OTHER ASPECTS OF GEOLOGY

AND, NOT SURPRISINGLY, NO SINGLE PART OF THE SUBJECT...



AND OUR SUCCESSES IN MINERAL AND OIL EXPLORATION ARE ROOTED IN OUR UNDERSTANDING OF THESE OTHER PARTS OF THE SUBJECT.

AND, IN TURN, TO THE REST OF OUR SCIENTIFIC KNOWLEDGE.



IN CHEMISTRY,

PHYSICS,

$$F = ma \quad F = G \frac{mM}{r^2}$$

$$\therefore r/a = \frac{G \cancel{m} M}{r^2}$$

$$\text{and } \frac{dv}{dt} = \frac{GM}{r^2}$$

BIOLOGY, ECOLOGY

AND EVEN ASTRONOMY.

SCIENCE IS OUR UNDERSTANDING OF THE WORLD WE LIVE IN.