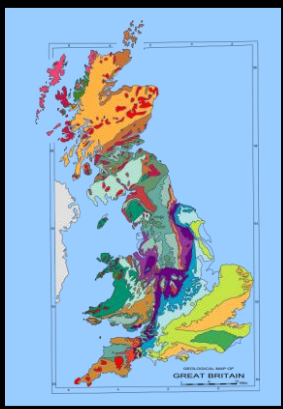


# A Geological History of Britain

Dr Liam Herringshaw  
lgh865@hotmail.com



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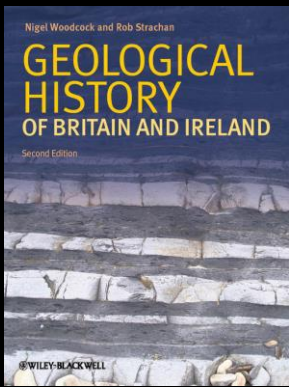
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# Reference texts

Woodcock & Strachan (eds)

Wiley-Blackwell,  
2012 hardback



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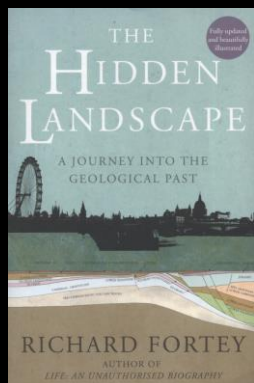
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# Reference texts

The Hidden Landscape  
Richard Fortey  
1993 and 2010 versions



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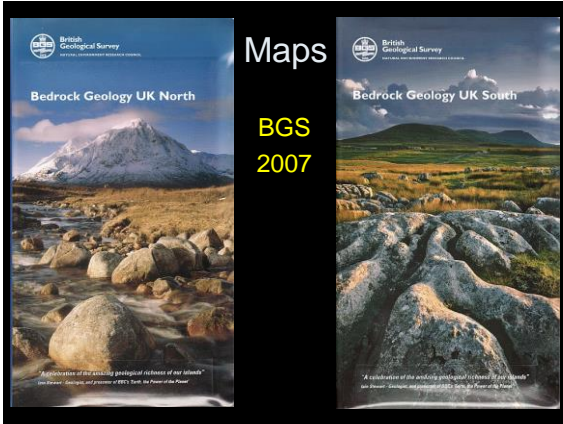
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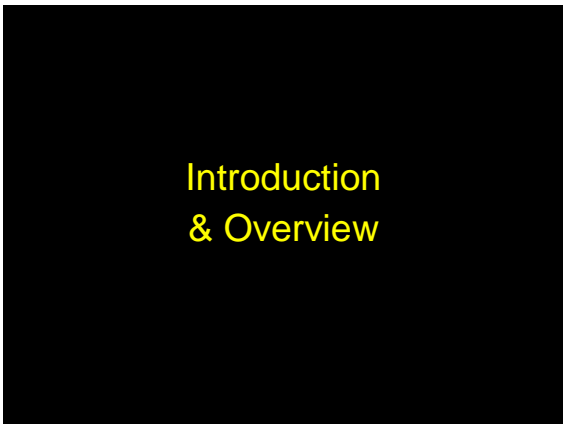
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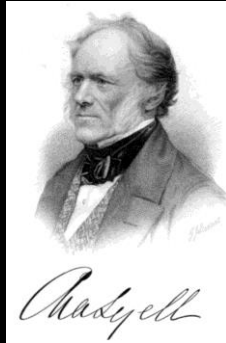
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# Geological Histories: How?

## Uniformitarianism:

“The Present Is  
The Key To The  
Past”



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# Geological Histories: Why?

“Study The Past  
If You Would  
Divine The  
Future”



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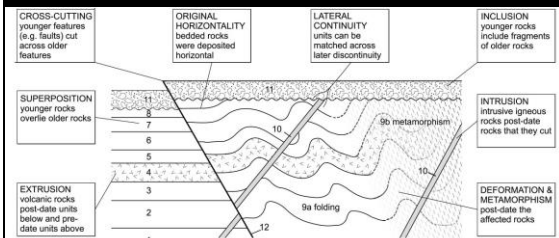
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# Stratigraphic principles



Geological History of Britain and Ireland, Second Edition. Edited by Nigel Woodcock and Rob Strachan. © 2012 Blackwell Publishing Ltd. Published 2012 by Blackwell Publishing Ltd.

Fig. 1.1 Cross-section illustrating the rules of stratigraphy, which allow rock geometry to be translated into a sequence of events (numbered 1–12).

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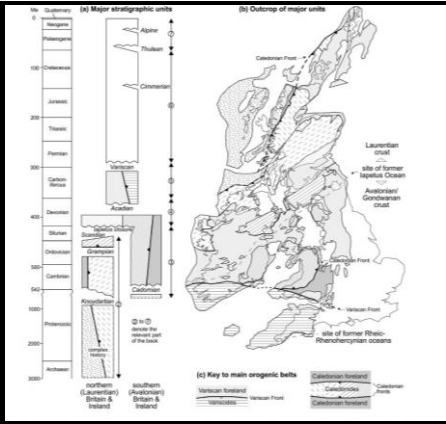
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# Major UK gcl units




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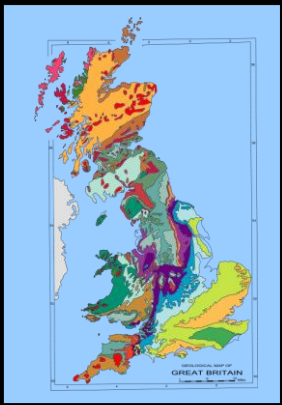
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## NW-SE

Land's End to John O'Groats no good  
Walk Cape Wrath to Dungeness instead




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# What Do You Know Already?

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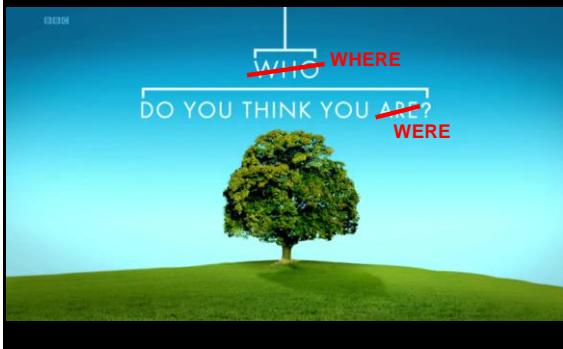
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## Geo-nealogy



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### Your Own Geological History

- WRITE DOWN:
- Where you were born
  - Where you live
  - Where you have worked
  - Where you love visiting

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Liam Herringshaw

Born - Leicester

Live - York

Worked - Liverpool, Birmingham, Aberdeen,  
Newfoundland, Durham

Love - Pembrokeshire, Yorkshire Coast,  
Edinburgh

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I was born on the Carnian, near the Charnian



Carnian = Late Triassic

Edwalton Member of the Sidmouth Mudstone  
Formation

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The Carnian on the Charnian

© Peter Knudssen, [www.geograph.org.uk](http://www.geograph.org.uk)



Triassic burial of Precambrian landscape  
Muds formed in salty, desert lake system

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**BGS Open Geoscience**

<http://www.bgs.ac.uk/opengeoscience/>

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## Links

**Woodcock & Strachan student companion site:**  
<http://bcs.wiley.com/he-bcs/Books?action=index&bcsId=7187&itemId=1405193824>

**Tutorials on regional geology:**  
[http://www.geologyrocks.co.uk/tutorials/category/regional\\_geology](http://www.geologyrocks.co.uk/tutorials/category/regional_geology)

**Geological Formation of Britain (Radio 4)**  
<http://www.bbc.co.uk/programmes/b00n8t48>

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