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Hidden Horizons

Hello!

- Yorkshire Coast Fossils
 - Lower Jurassic
 - Middle Jurassic
 - Upper Jurassic
 - Cretaceous
 - Quaternary
- Natural Hystery!

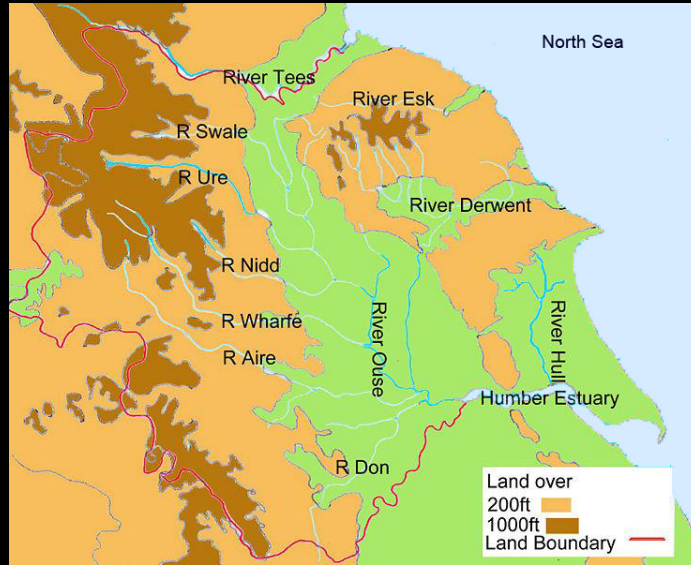


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Yorkshire Coast

Teesmouth to Spurn



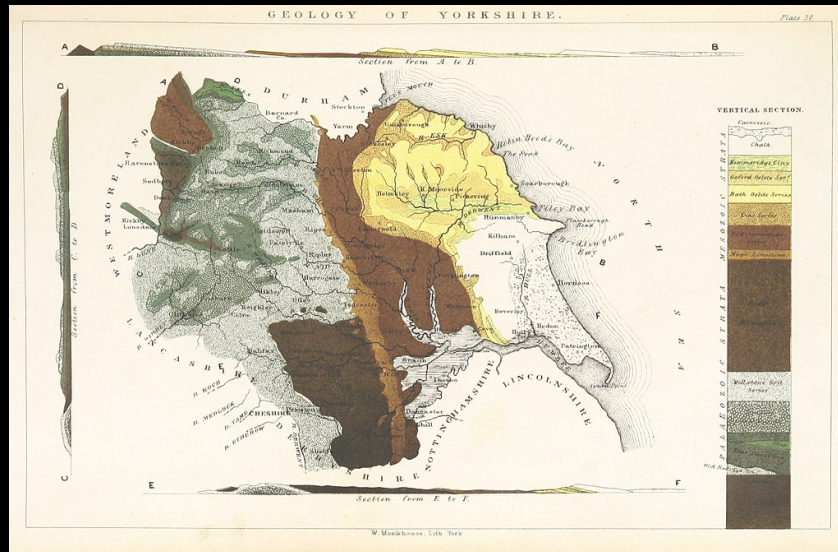
Wikimedia Commons

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Yorkshire Coast Geology

NW: oldest;
SE: youngest



Phillips (1855)

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Yorkshire Coast Fossils



Jurassic – Cretaceous – Quaternary (+ erratics)

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Lower Jurassic fossils



Gryphaea bivalve



Ichthyosaur vertebra



Dactyloceras ammonite

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Gryphaea arcuata



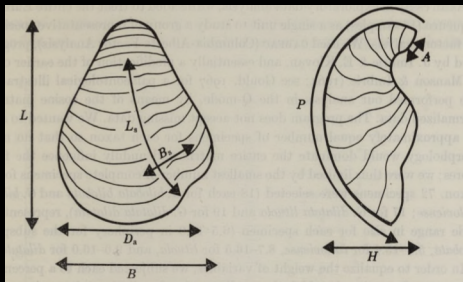
Devil's toenails in the Redcar mudstones

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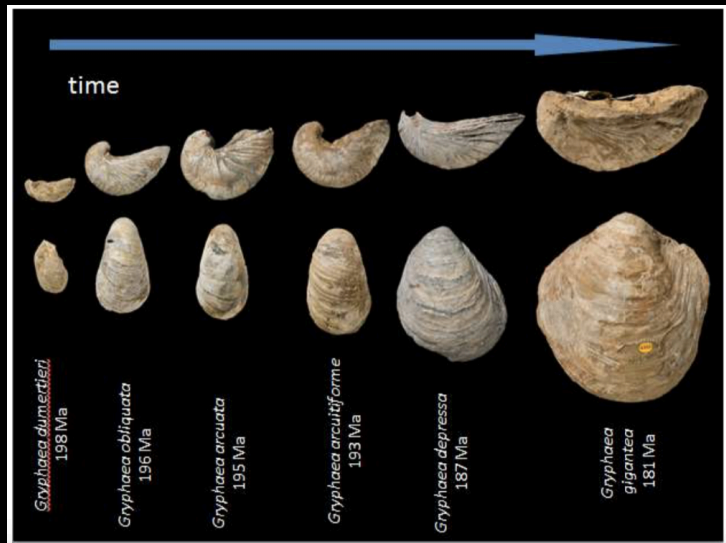
Gryphaea in close-up

Early Jurassic evolution




Hallam & Gould (1975)

Natural History Museum

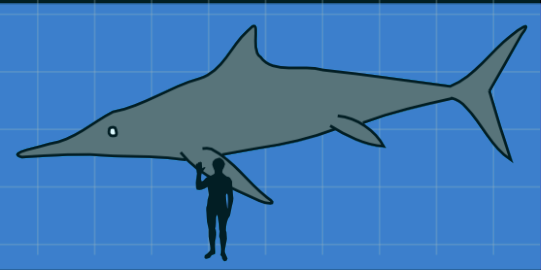


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Hidden Horizons




Ichthyosaurs



Temnodontosaurus

Massive marine reptiles!



© Yorkshire Post

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Hidden Horizons

Iconic snakestones



Whitby mudstones: *Dactyloceras* & *Hildoceras*

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Jet-propelled



Early Jurassic
climate change
& anoxia



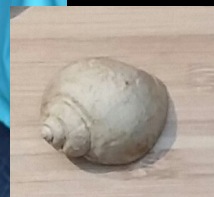
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Next week

Plants,
dinosaurs
and boring
snails!



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