



## Further Reading List for Public Lecture: Could we ever know how dinosaurs thought or behaved?

David Norman, Cambridge University

Wednesday 23 May 2018

The reading list can be found at: <https://www.geolsoc.org.uk/howdinosairsthought>

### Popular Articles and Resources

#### Background

- a. The Geological Society Blog: World's first fossilised dinosaur brain identified  
<https://blog.geolsoc.org.uk/2016/10/27/dinosaur-brain/>
- b. Smithsonian National Museum of Natural History – How did dinosaurs behave?  
<https://naturalhistory.si.edu/exhibits/backyard-dinosaurs/how-did-dinosaurs-behave.cfm>
- c. BBC Earth – How do we know what dinosaurs looked like?  
<http://www.bbc.co.uk/earth/story/20160217-what-was-it-like-to-be-a-dinosaur>

#### Fossilisation

- a. Australian Museum – How are fossils formed?  
<https://australianmuseum.net.au/how-are-fossils-formed>
- b. University of Colorado Boulder Museum of Natural History – Fossil Preservation  
<https://www.colorado.edu/cumuseum/programs/schools-and-groups/fossils-classroom/materials-and-resources/fossil-preservation>
- c. AGI – Under what conditions do fossils form?  
<https://www.americangeosciences.org/education/k5geosource/content/fossils/under-what-conditions-do-fossils-form>
- d. Open University – Fossil soft parts Q&A  
<http://www.open.edu/openlearn/science-maths-technology/science/geology/fossil-soft-parts#>

#### Exceptional Preservation and Dinosaur Fossils

- a. Birmingham University – Exceptionally preserved faunas  
<https://www.birmingham.ac.uk/facilities/lapworth-museum/collections/palaeontology/preserved-fauna.aspx>

- b. BBC – Prehistoric Life: Exceptional preservation

<http://www.bbc.co.uk/nature/fossils/Lagerst%C3%A4tte>

- c. Rare, exceptionally preserved fossil reveals lifestyle of ancient armour-plated reptile

<https://phys.org/news/2017-06-rare-exceptionally-fossil-reveals-lifestyle.html>

- d. Cambridge University – Fossilised dinosaur brain tissue identified for the first time

<https://www.cam.ac.uk/research/news/fossilised-dinosaur-brain-tissue-identified-for-the-first-time>

- e. The Guardian – 74-million-year-old dinosaur blood and collagen discovered in fossil fragments

<https://www.theguardian.com/science/2015/jun/09/75-million-year-old-dinosaur-blood-and-collagen-discovered-in-fossil-fragments>

### **Books and Journal Articles**

Lusty, P A J & Gunn, A G (2015) Challenges to global mineral resource security and options for future supply. In: Jenkin et al (ed): Ore Deposits in an Evolving Earth. Geological Society Special Publication 393.

Arndt et al (2017) Future Global Mineral Resources. Geochemical Perspectives Volume 6 (1).  
<https://www.geochemicalperspectives.org/online/v6n1>

Veronese, K (2015) Rare: The high stakes race to satisfy our need for the scarcest metals on Earth. Prometheus Books, New York, 272 pages.