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G203

Notes

From Lecture on Monday May 24, 2010

-The Proterozoic was 2.5-0.544 b.y. (billion years) ago. Some highlights were...

- Modern plate tectonics were active

- Evidence for more microorganisms

- And at the end of the Proterozoic there was an appearance of large soft-bodied organisms...

-In the Late Proterozoic...

- The 2<sup>nd</sup> of two large Precambrian ice ages occurred



<http://www.flickclip.com/images/flickimages/Ice%20Age.jpg>

- The formation and breakage of the supercontinent Rodinia occurred.

- The 1<sup>st</sup> fossils of multicellular organisms appeared.

- Ediacaran Fossils appeared

-There were 2 major Ice Ages in the Precambrian

- 1) ~2.6-2.1 b.y. ago (during the very last bit of the Achaean and the early Proterozoic)

- 2) ~800-600 m.y. (million years) ago (during the late Proterozoic)

- By the end of the Proterozoic, most of the Earth's crust was present, although, not in it's current configuration.

- Multicellular fossils 1<sup>st</sup> appeared in the late Proterozoic with the appearance of Ediacaran fossils. Some small organisms with the 1<sup>st</sup> shells appear right at the very end of the Proterozoic.