

Readings Week 1 –

Most of material discussed this, first, week in class will be found in Chapters 2 and 3 in “**The Blue Planet**” by Skinner, Porter, and Botkin.

Additional information on the origins of the universe and elements can be found in several places, including

How to Build a Habitable Planet by Wallace Broecker, Eldigo Press

The Whole Shebang – by Timothy Ferris, Touchstone Books

Measuring Eternity – by Martin Gorst, Broadway Books (a really good read)

Lineweaver, C. H. (1999). “A Younger Age for the Universe.” *Science* **284**(5419): 1503-1507. (a technical essay on how we know the date of the Big Bang)

Schlesinger, W. H. (1997). **Biogeochemistry: An Analysis of Global Change**. New York, Academic Press. (an excellent resource book – with a good general description on the origin of the elements)

A Brief History of Time, Stephen Hawking, Doubleday – an explanation of the Big Bang hypothesis.

Earth System History, Steve Stanley. 1999. W. Freeman.

A good general text emphasizing physical geology and macroevolution from the standpoint of a paleontologist. Excellent illustrations and a CD ROM.