

Astronomy 2037 – Homework #1

Due at the beginning of class on 12 February 2008

1. What is the fundamental energy source powering the Sun? What material is needed for it?
2. What are the materials that make up DNA? What structural form does DNA take and why is that important?
3. Describe the Ediacaran fauna and explain their historical importance in the development of life on Earth.
4. What do we think caused the K-T extinction? Give 3 independent pieces of evidence to support this idea.