

## ***ERRATA***

Correction to Reviews in Mineralogy & Geochemistry Vol. 64

--- Medical Mineralogy and Geochemistry ---

### **Chapter 8: Bone: Nature of the Calcium Phosphate Crystals and Cellular, Structural, and Physical Chemical Mechanisms in Their Formation**

Pages 223-282

**Melvin J. Glimcher**

PAGE 224:

The following sentence replaces the last sentence in the first paragraph:

The mechanical properties of “woven” bone substance which contains poorly spatially (3D) organized and low density packed collagen fibrils are considerably different and poorer than those of the bone substance of compact lamellar bone. This is especially true when the collagen fibrils of the individual lamellae of the compact bone substance organized as osteons and the collagen fibrils are further organized spatially differently in each of the lamellae (Fig. 3a). To further complicate the relationship of the mechanical properties of a particular microscopic and especially macroscopic anatomically sized specimen of bone, the Ca - Pi mineral content also varies in adjacent lamellae of individual osteons and in adjacent osteons and in specific regions of “woven” bone substance! (Fig. 3b)

PAGE 232:

In the first paragraph, all references to a “narrow cavity” should read “marrow cavity.”