



**Figure 10.** Stratigraphic column for the Ordovician rocks of central and western Pennsylvania. Beekmantown Group and Loysburg Formation carbonates were deposited on a stable, passive margin carbonate shelf. Clastics of the Antes Shale through Juniata Formation were deposited in response to plate convergence during the Taconic orogeny. The Trenton and Black River Groups, and equivalents, formed during progressive submergence of the earlier-formed passive margin platform.