



Explanation for Plate 12.

Plate 12--Pyrite in coal. Photomicrographs of polished sections taken with the reflecting microscope using vertically incident light. **A**, Transverse section of a plant stem replaced by pyrite. White material is pyrite. The stem is almost completely replaced at its periphery but is only partially replaced at the center (Mineral coal, X 95). **B**, Longitudinal section showing same relation as above (Mineral coal, X 95). **C**, Pyritized plant debris. Note transverse section in center (Mineral coal, X 95).

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