

# JOURNAL OF SOLID STATE CHEMISTRY

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Cover Art. Left: Polyhedral representation of the  $[Y_3F_{10}]$  framework, which is based on the diamond structure, with the  $[Y_6F_{32}]$  SBU occupying the carbon sites. Right: Corresponding view of the diamond structure, with C atoms represented as spheres, as described in the article by Stephens and Lightfoot on pp. 260–264 of this issue.