

JOURNAL OF SOLID STATE CHEMISTRY

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Cover figure: Crystal structure of the $RE_5Si_2B_8$ compound: 3D representation showing the ThB_4 -like and U_3Si_2 -like slabs, along the [001] direction (top) and a view of the ThB_4 - and U_3Si_2 -like slabs down to the c axis (bottom). See the article by Jérôme Roger *et al.* on pp. 1851–1863 of this issue.