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**COVER**

Asbestiform magnesium chain silicates from Chester, Vermont. Anthophyllite (yellow) has partially reacted to form the newly discovered minerals chestertite (blue and green) and jimthompsonite (pink). Streaked areas are regions of extreme structural disorder. (Optical micrograph of section 45 micrometers thick, cross-polarized light, × 650.) See page 359. [David R. Veblen and Peter R. Buseck, Arizona State University, Tempe; Charles W. Burnham, Harvard University, Cambridge, Massachusetts]