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Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

Scientific problems of coal utilization. Edited by B. R. COOPER. Pp. xi + 409. Springfield: The Technical Information Center, US Department of Energy, 1978; available as CONF-770509, for \$9.00 from NTIS, US Dept of Commerce, Springfield, Virginia 22161, USA. This inexpensive book contains the proceedings, including some discussion, of a conference held on this subject in West Virginia, USA, in May 1977. There are 21 full papers, plus abstracts of 50 others. In view of the importance of coal, at present, as a major world source of energy, and potential source of petrochemicals, this book should be of wide interest. The excellent overview is combined with considerable detail and many stimulating ideas.

Кристаллография. By М. Р. Шаскольская (**Crystallography.** By М. Р. SHASKOL'SKAYA). Pp. 391. Vysshaya Shkola Publishing House, Moscow, 1976. Price 1r. 52k. A review of this book, by Z. Kaluski, has been published in the February 1979 issue of *Journal of Applied Crystallography*, pp. 139–140.

Physics and chemistry of materials with layered structures. Vol 4. Optical and electrical properties. Edited by P. A. LEE. Pp. viii + 464. Dordrecht, Holland: Reidel, 1976. Price Dfl 135.00, US \$49.00. A review of this book, by G. B. Jensen, has been published in the March 1979 issue of *Acta Crystallographica*, Section A, pp. 347–348.

Progress in solid state chemistry. Vol. 11. Edited by J. D. MCCALDIN and G. SOMORJAI. Pp. x + 472. Oxford: Pergamon Press, 1978. Price US \$40.00, £22.50. This is the hard-cover bound collation of the several parts of Vol. 11 of the journal *Progress in Solid State Chemistry*, which were initially issued separately. This book represents the start of a new mode of publication for this series. Part 1 of this volume has been reviewed already [R. S. Bradley (1976). *Acta Cryst.* A32, 1038]. Two of the other five parts of this volume are of some crystallographic interest: a survey of the solid-state chemistry and thermodynamics of silicate and related minerals, by A. Navrotsky (62 pp.), and a review of AgI-type solid electrolytes, by K. Funke (58 pp.).