

Notes and News

Announcements and other items of crystallographic interest will be published under this heading at the discretion of the Editorial Board. The notes (in duplicate) should be sent to the Executive Secretary of the International Union of Crystallography (J. N. King, International Union of Crystallography, 13 White Friars, Chester CH1 1NZ, England).

Molecular Structures and Dimensions

Volume 5 of this series: *Bibliography 1972-73, Organic and Organometallic Crystal Structures*, was published recently by the International Union of Crystallography and the Cambridge Crystallographic Data Centre. This volume contains information on approximately 2000 structures published during 1972-73. Entries are arranged in 86 chemical classes and cover organic compounds, complexes, and organometallic compounds. There are three indexes: author, formula and transition metal. All are cumulative for the years 1935-1973 and give references to Volumes 1-5. Volume 6 for 1973-74 is in preparation and is due to appear early in 1975. A new numerical data volume for the years 1966-69, to follow Volume A1, *Interatomic Distances 1960-65*, which was published last year, is also in preparation.

The price of Volume 5 has been maintained at the same level as that of Volume 4 and is 55 Netherland guilders (U.S. \$21.00 or £9.00). Personal copies may be obtained at a reduced price of 39 Netherlands guilders (U.S. \$15.00 or £6.50). The new volume can be obtained direct from Oosthoek, Scheltema & Holkema, Emmalaan 27, Postbus 13079, Utrecht, The Netherlands. Alternatively orders may be placed with Polycrystal Book Service, P.O.Box 11567 Pittsburgh, Pennsylvania 15238, U.S.A., or with the Crystallographic Data Centre, Lensfield Road, Cambridge, CB2 1EW, England, or with any bookseller. Standing orders can be placed for the series with Messrs Oosthoek, Scheltema & Holkema to ensure the earliest possible despatch of new volumes as soon as they are published.

Diffracted Studies of Real Atoms and Real Crystals

The abstracts of papers presented at the recent International Crystallography Conference held under the above title have been published in a book. The conference, held in Melbourne, Australia, 19-23 August 1974, was sponsored by the International Union of Crystallography and the Australian Academy of Science. Under three topic headings there are over 180 abstracts, totalling 378 pages and including many half-tone reproductions. The topics are as follows:

I. Real atoms in crystals

Determination of electronic charge distribution, comparison of experimental electron densities and quantum chemical calculations, accuracy in structure factor determination, TDS and lattice dynamics, Compton scattering.

II. The nature of extended defects in crystals

Block and shear structures, transformations and atomic ordering, order-disorder and lattice dynamics, stacking faults, strains and precipitations and related phenomena,

as studied by X-ray and neutron diffraction, high-resolution electron microscopy and other techniques.

III. The use of dynamical effects in the study of crystals

General theory, interferometry, dynamical methods for structural analysis, experimental studies of dynamical X-ray scattering, surface studies - dynamical effects with slow and fast electrons.

Copies are available, price \$A 12 including postage, from Australian Academy of Science, P.O. Box 216, Civic Square, Canberra, A.C.T. 2068, Australia.

Structure Reports

Five new volumes of *Structure Reports* have just been published. As a result of the increasing rate of publication of detailed crystal analyses, it has become necessary, for Volume 30 onwards, to publish *Structure Reports* in two parts: *A. Metals and Inorganic Compounds*, and *B. Organic Compounds* (including organometallic compounds). The reports generally give: name, formula, papers reported, unit-cell and space-group data, details of analysis, atomic positions, and detailed description and discussion of the structure (with bond lengths and angles, and often an illustration). The structural data are reported so fully that reference to the original paper is often unnecessary; there are extensive indexes in each volume.

The five volumes just published are:

Volume 30B, covering the organic literature for 1965 (470 pages).

Price: 80 Netherlands guilders.

Volume 31B, covering the organic literature for 1966 (482 pages).

Price: 90 Netherlands guilders.

Volume 32B, covering the organic literature for 1967 (518 pages).

Price: 100 Netherlands guilders.

Volume 33B, covering the organic literature for 1968 (580 pages).

Price 110 Netherlands guilders.

Volume 35B, covering the organic literature for 1970 (958 pages).

Price: 165 Netherlands guilders.

Volume 28, covering all the literature for 1963, and the remaining volumes covering all the literature up to the end of 1970 are expected to be published during 1975.

Orders may be placed direct with the publisher (Oosthoek, Scheltema & Holkema, Emmalaan 27, Utrecht, The Netherlands) with Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pa. 15238, U.S.A., or with any bookseller. Details of price reductions for personal subscriptions and for standing orders may be obtained direct from Oosthoek, Scheltema & Holkema or from Polycrystal Book Service.