

chemistry borders on physics, geology, materials science and metallurgy do not match the high standard set by the rest of the book.

J.D. Smith

*School of Chemistry and Molecular Sciences
University of Sussex
Brighton BN1 9QJ
UK*

Tellurium in Organic Synthesis

N. Petragnani, Academic Press, London 1994 £45.00
ISBN 0-12-552810-8

I awaited the review copy of "Tellurium in Organic Synthesis" with a keen sense of anticipation since it seemed to me that the book was timely, and that it might possibly encourage further research with this fascinating but unfashionable element. The book is one in the Academic Press series "Best Synthetic Methods", and is written by Nicola Petragnani who has contributed to the literature of organotellurium chemistry during four decades. Having now received and read the book I must confess to a slight feeling of disappointment.

Perhaps the major point of concern is that a superficially attractively produced book costing £45.00 should contain more proof reading errors than I have encountered in any other publication, be it book, article, or thesis. The actual text is relatively free of such errors but they abound in the equations and references. Thus in many equations products and reactants are identical; in some bonds are missing and in others numbers in formulae are not sub-scripted. Within the references the names of numerous authors are misspelt and initials are used as an alphabetic equivalent of random numbers. For example, D.L.J. Clive, an important contributor to the area, is listed as: D.L.Y., D.L.J., D.L., L.J., C.J., — a case of "will the real Professor Clive please stand up"! Spot checks on the numerical accuracy of the references were more reassuring, but one does not expect this level of carelessness in a book of this type.

The book is designed as a half-way house between the monograph and the laboratory manual. Thus, in

addition to surveys of the available organotellurium-based methodologies, each section contains practical details of individual syntheses. A one page introductory chapter is followed by a short chapter giving details of the preparation of inorganic tellurium reagents, the value of which is questionable. My own students will be surprised to be told that, in the solid state, TeCl_4 has the ionic structure $\text{TeCl}_3^+ \text{Cl}^-$, a "fact" supported by a Raman study of 1954! More useful is the next chapter detailing the syntheses of the major classes of organotellurium compounds. It could, with no loss of value, have been shorter, but perhaps those less familiar with the field than this reviewer might find it helpful to have such a review in situ. The treatment is uncritical, various routes to particular classes of compound being catalogued. This may, however, be wise, since, it is my own experience that different workers often develop particular preferences for one route over another, and that these preferences differ between the workers.

The meat of the book is encountered on page 88 with the long final chapter "Tellurium in Organic Synthesis". The chapter is sensibly sectioned and well indexed, and is generally user-friendly. Each section opens with a summary of the particular methodology, followed by a series of typical laboratory procedures that could be adapted to a particular worker's needs; the section ends with a listing of references. I was unaware of major omissions in coverage.

Although I have been critical of some aspects of the presentation of this book, it would be quite untrue to suggest that the volume is lacking in merit. I found it generated ideas as I was reading, which is always a good sign; also, unlike some new books, it does fill a genuine gap. Thus, if synthetic chemists can exercise patience when they encounter the numerous typographical errors, they may agree with me that it will prove to be one of the more useful recent additions to personal and institutional libraries.

W.R. McWhinnie

*Chemical Engineering and Applied Chemistry
Aston University
Aston Triangle
Birmingham B4 7ET
UK*

Conference Calendar

| Title of meeting | Location | Date | Further information from: |
|--|-----------------------------|----------------------|--|
| Contemporary Inorganic Chemistry: A Symposium in Honor of F.A. Cotton | College Station, TX, USA | March 12–15, 1995 | Profs. Carlos A. Murillo or John P. Fackler, Jr., Department of Chemistry, Texas A&M University, College Station, TX 77843-3255, USA Tel: (409) 845-3646 Fax: (409) 845-9351 E-mail: Murillo @lmsbvx.tamu.edu or Fackler @chemvx.tamu.edu |
| 2nd European East West Workshop on Chemistry and Energy | Sintra, Portugal | March 12–15, 1995 | César Sequeira, Instituto Superior Técnico, Av. Rovisco Pais, 1096 Lisboa Codex, Portugal Tel./Fax: 351-1-7783594 or G. Aslanian, Moscow International Energy Club (MIEC), IVTAN, Izhorskaya 13/19, 127412 Moscow, Russia |
| Spring ACS National Meeting | Anaheim, CA, USA | April 2–7, 1995 | American Chemical Society Meetings, PO Box 18598, 20th St Station, Washington, DC 20036-8598, USA |
| RSC Annual Congress | Edinburgh, Scotland | April 10–13, 1995 | Mrs Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK Fax: +44 (0) 71 437 8883 |
| European Research Conferences Chemistry of Metals in Biological Systems | San Miniato, Italy | April 22–28, 1995 | Dr. Josip Hendekovic, European Science Foundation, 1 Quai Lezay-Marnésia, 67080 Strasbourg Cedex, France Tel: (33) 88 76 71 35 Fax: (33) 88 36 69 87 |
| Crystallography and Supramolecular Chemistry, 22nd crystallographic course at the Ettore Marjorana Centre | Erice, Italy | June 2–12, 1995 | P. Spadon, Chimica Organica, via Marzolo 1, I-35131 Padua, Italy Fax: +39 (49) 831222 E-mail: chim09 at ipdunivx |
| XXth International Symposium on Macrocyclic Chemistry | Jerusalem, Israel | July 2–7, 1995 | XXth ISMC, PO Box 50006, Tel Aviv 61500, Israel Tel: 972 3 5140014 Fax: 972 3 5175674/660325 Telex: 341171 KENS IL |
| 3rd Anglo–German International Conference on Inorganic Chemistry | Brighton, UK | July 23–27, 1995 | Professor M.F. Lappert, School of Chemistry and Molecular Sciences, University of Sussex, Brighton BN1 9QJ, UK |

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| Title of meeting | Location | Date | Further information from: |
|--|------------------------|-----------------------|---|
| 8th IUPAC Meeting on Organometallic Chemistry directed towards Organic Synthesis (OMCOS 8) | Santa Barbara, CA, USA | August 6–10, 1995 | Prof. Bruce H. Lipshutz, Department of Chemistry, University of California, Santa Barbara, CA 93106, USA Tel: +1 805 893-2521 Fax: +1 805 893-4120 |
| Autumn ACS National Meeting | Chicago, IL, USA | August 20–25, 1995 | American Chemical Society Meetings, PO Box 18598, 20th St Station, Washington, DC 20036-8598, USA |
| Seventh International Conference on Bioinorganic Chemistry (ICBIC 7) | Lübeck, Germany | September 3–8, 1995 | Prof. Dr. Alfred X. Trautwein, Institut für Physik, Medizinische Universität, Ratzeburger Allee 160, D-2400 Lübeck 1, Germany Tel: +49 (451) 500 4200 Fax: +49 (451) 500 4034 |
| RSC Autumn Meeting | Sheffield, UK | September 5–8, 1995 | Mrs Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK Fax: +44 (0) 71 437 8883 |
| XIth FEICHEM Conference on Organometallic Chemistry | Parma, Italy | September 10–15, 1995 | Prof. Marta Catellani, Secretary of XIth FEICHEM, Università di Parma, Dipartimento di Chimica Organica e Industriale, viale delle Scienze, I-43100 Parma, Italy Tel: +39-521-905415/90555 Fax: +39-521-905472 Email: CHIMORG2 at IPRUNIV.CCE.UNIPR.IT |
| 1995 International Chemical Congress of Pacific Basin Societies | Honolulu, HI, USA | December 17–22, 1995 | Congress Manager, Pacificchem '95, Suite 420, 1155 16th Street, N. W., Washington, DC 20036, USA Tel: +1 (202) 872-4396 Fax: +1 (202) 872-6128 |
| RSC Annual Congress | Bristol, UK | April 1–4, 1996 | Mrs Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK Fax: +44 (0) 71 437 8883 |
| XVIIth International Conference on Organometallic Chemistry | Brisbane, Australia | July 7–12, 1996 | Eva Comino, Secretariat, International Conference on Organometallic Chemistry, Faculty of Science and Technology, Griffith University, Brisbane 4111, Australia Tel: 61 7 875 7564 Fax: 61 7 875 5369 E-mail: C.Raston@sct.gu.edu.au |
| 6th International Conference on the Chemistry of the Platinum Group Metals | York, UK | July 21–26, 1996 | Mrs Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK Fax: +44 (0) 71 437 8883 |
| 31st International Conference on Coordination Chemistry | Vancouver, BC, Canada | August 18–23, 1996 | C. Orvig, Department of Chemistry, University of British Columbia, Vancouver, BC, V6T 1Z1, Canada Tel: (604) 822-4449 Fax: (604) 822-2847 E-mail: ORVIG@CHEM.UBC.CA |
| 3rd International Symposium on Transition Metals in Organic Synthesis | London, UK | September 4–6, 1996 | Mrs Y.A. Fish, The Royal Society of Chemistry, Burlington House, London W1V 0BN, UK Fax: +44 (0) 71 437 8883 |