

5. Engelmann, F., *Science*, 1969, **165**, 407.
6. Pan, M. L., Bell, W. J. and Telfer, W. H., *Science*, 1969, **165**, 393.
7. Scheurer, R., *J. Insect Physiol.*, 1969 a, **15**, 1411.
8. Engels, W., *W. Roux' Arch. Entw. Mech. Org.*, 1972, **171**, 55.
9. Engels, W., *Am. Zool.*, 1974, **14**, 1229.
10. Bradley, J. T. and Edwards, J. S., *J. Exp. Zool.*, 1978, **204**, 239.
11. Scheurer, R., *J. Insect Physiol.*, 1969b, **15**, 1673.
12. Telfer, W. H., *Annu. Rev. Ent.*, 1965, **10**, 161.
13. Wallace, R. A. and Dumont, J. N., *J. Cell Physiol.*, 1968, **72**, 72.
14. Telfer, W. H. and Smith, O. S., *Symp. R. Ent. Soc. London*, 1970, **5**, 117.
15. Wallace, R. A., *Biochem. Biophys. Acta.*, 1964, **86**, 286.
16. Brookes, V. J. and Dejmál, R. K., *Science*, 1968, **160**, 997.
17. Pan, M. L. and Wallace, R. A., *Am. Zool.*, 1974, **14**, 1239.
18. Highnam, K. C. and Hill, L., *The comparative endocrinology of the invertebrates* (2nd edn), E. Arnold, London, 1977.
19. Price, G. M., *Biol. Rev.*, 1973, **48**, 333.
20. Elliott, R. H. and Gillott, C., *Can. J. Zool.*, 1977, **55**, 97.
21. Davis, B. J., *Ann. N.Y. Acad. Sci.*, 1964, **121**, 404.
22. Ornstein, L., *Ann. N.Y. Acad. Sci.*, 1964, **121**, 321.
23. Sihag, R. C., Ph. D. Thesis, Haryana Agricultural University, Hissar (India), 1980.

NEWS

MÖSSBAUER DISCUSSION GROUP—SILVER JUBILEE MEETING

The silver jubilee meeting of the Mossbauer Discussion Group was held in Oxford, 2–4 July 1984. The meeting was attended by 110 Mössbauer spectroscopists from 19 countries.

The scientific sessions were held in the inorganic chemistry laboratory with invited lectures on the use of Mössbauer spectroscopy to investigate matters relating to bonding, magnetism, structure, relaxation and dynamics, given by R. V. Parish (UMIST), M. Thomas (Liverpool), G. J. Long (Missouri-Rolla), and S. Dattagupta (Hyderabad). Other invited lectures covering the application of Mossbauer spectroscopy to the study of rare earth intermetallics, spin transitions in solids, molecular re-orientation, small particle minerals and catalysis were given by L. Asch (Munich), H. Speiring (Mainz), B. W. Fitzsimmons (London), S. Morup (Denmark), B. Goodman (Aberdeen), and J. W. Niemantsverdriet (Delft). Over 20 other papers were delivered, and the presentation of nearly 60 posters, in two poster sessions, illustrated the

range of topics now being covered by Mössbauer spectroscopists and the large variety of isotopes currently in use. A silver jubilee banquet was held in Wadham College to celebrate this important landmark in the history of the Mössbauer Discussion Group after which Professor C. F. Johnson (Liverpool) gave an enlightening account of the introduction and early days of Mössbauer spectroscopy in the U.K.

A new Chairman, Dr R. V. Parish (UMIST) was elected on the retirement from office of Dr B. W. Fitzsimmons (Liverpool).

The 26th meeting of the Mossbauer Discussion Group will be held at the University of East Anglia, 8–10 July 1985.

Further information may be had from: Dr F. J. Berry, Department of Chemistry, University of Birmingham, PO Box 363, Birmingham B15 2TT. (*Chemistry in Britain*, Vol. 20, No. 9, September 1984, p. 839.)
