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Preface

The 1981 *Annual Reports on the Progress of Chemistry* are again published in three separate Sections: A – Inorganic Chemistry; B – Organic Chemistry; C – Physical Chemistry.

There are no major departures in policy this year and the coverage continues to develop in depth and extent in line with previously stated criteria (for more detail see the Senior Reporters' Introductions to the three Sections). The publication dates for all three Sections have been disappointingly late, and in the absence of production delays it must be regretfully stated that the main contributory factor has been late delivery of some chapters. This was particularly the case for Section C for which two major contributions did not materialise until August; at the time of writing this Preface it seems very doubtful whether publication will be achieved before the end of 1982. This is especially disappointing in view of the publication date achieved for the 1980 Section C – September 1981. At the beginning of 1982 it was hoped to revert to the early Autumn for publication of all three Sections, and with hindsight perhaps deadlines should have been enforced rather than being put back in the expectation of imminent delivery. However, when important contributions are involved, and especially when they have been omitted from previous volumes as in the case of Section C, it is difficult to elevate the virtue of timeliness over those of completeness and balance of coverage. Our contributors are all busy people with many other commitments, and probably all that can be done at this juncture is to re-emphasise the importance of punctual delivery, if late publication is not to become a serious adverse influence upon the viability of *Annual Reports*.

The 1981 Sections A and B both exhibit an increase in length compared to the 1980 volumes: 360 and 394 pages of text respectively. We welcome new Senior Reporters for these Sections – Professor J. D. Donaldson and Dr. P. G. Garrett respectively; the latter is collaborating with the incumbent Professor A. G. Davies. Section C is much longer this year, *ca.* 400 text pages, as Professor M. C. R. Symons succeeded in obtaining two long-awaited contributions.

Contents

Chapter 1 Introduction	1
<i>By A. G. Davies and P. J. Garratt</i>	
Chapter 2 Physical Methods and Techniques	3
<i>Part (i) Mass Spectrometry</i>	
<i>By M. Jarman</i>	
1 Ion Structure and Fragmentation	3
2 Chemical Ionization	6
3 Field Desorption	8
4 Other Soft Ionization Procedures	10
5 Other Studies, and Conclusion	12
<i>Part (ii) N.M.R. Spectroscopy</i>	
<i>By R. F. M. White</i>	
1 Introduction	15
2 Chemical Shifts and Coupling Constants	15
3 Isotope Shifts	19
4 Interactions in Solutions	22
5 Solid-state Studies	25
6 Conformational Studies	26
<i>Part (iii) High-pressure Chemistry</i>	
<i>By N. S. Isaacs</i>	
Chapter 3 Theoretical Chemistry	39
<i>By H. S. Rzepa</i>	
1 Introduction	39

2 Advances in Theoretical Techniques	39
Geometry Optimization	39
Basis Sets	40
Electron Correlation	40
Semi-empirical and Other More Approximate Methods	41
3 Electronic Structure and Geometries of Molecules	41
Conformations and Intermolecular Interactions	41
Neutral Species	42
Charged Species	44
Carbenes and Open-shell Species	46
Organometallic Species	47
4 Dynamic Processes and Energy Hypersurfaces	48
Chapter 4 Reaction Mechanisms	51
<i>Part (i) Pericyclic Reactions</i>	51
<i>By G. B. Gill</i>	
1 Introduction	51
2 Cycloadditions and Cycloreversions	53
3 Ene Reactions	57
4 Sigmatropic Rearrangements	60
5 Electrocyclic Reactions	63
<i>Part (ii) Polar Reactions</i>	65
<i>By D. G. Morris</i>	
1 Introduction	65
2 Nucleophilic Substitution	65
3 Carbo-cations	68
4 Carbanions	72
5 Reactivity of Carbonyl Groups	74
6 Reactivity of Esters	76
7 Elimination and Addition Reactions	77
8 Miscellaneous	79
<i>Part (iii) Free-radical Reactions</i>	81
<i>By R. A. Jackson</i>	
1 General	81

<i>Contents</i>	xi
2 Structural Studies	83
3 Formation, Destruction, and Radical Stability	86
4 Radical Transfer	88
5 Addition to Multiple Bonds and Homolytic-Aromatic Substitution	90
6 Fragmentation	91
7 Electron Transfer	92
Chapter 5 Arynes, Carbenes, Nitrenes, and Related Species <i>By D. W. Knight</i>	97
1 General	97
2 Arynes	97
3 Nitrenes	99
4 Carbenes	102
5 Silyenes	114
Chapter 6 Electro-organic Chemistry <i>By M. Sainsbury</i>	117
1 General and Mechanistic Aspects	117
2 Anodic Processes	121
3 Cathodic Processes	127
Chapter 7 Photochemistry <i>By A. Cox</i>	133
1 Introduction	133
2 Alkenes	133
3 Aromatics	134
4 Carbonyl Compounds	137
5 Singlet Oxygen	141
6 Heterocycles	143
Chapter 8 Aliphatic Compounds	147
<i>Part (i) Hydrocarbons</i> <i>By D. F. Ewing</i>	147
1 Alkanes	147

2 Alkenes	148
Synthesis	148
From Alkynes	148
From Carbonyl Compounds	149
By Elimination	149
By Alkylation of Vinyl Compounds	151
Reactions	151
3 Dienes	156
Synthesis	156
Reactions	158
4 Alkynes	160
Synthesis	160
Reactions	162
<i>Part (ii) Other Aliphatic Compounds</i>	167
<i>By A. R. Tatchell</i>	
1 Alcohols and Ethers	167
2 Aldehydes and Ketones	169
3 Carboxylic Acids	172
4 Lactones and Macrolides	174
5 Lactams	178
6 Amines	180
7 Other Nitrogen-containing Compounds	181
8 Sulphur Compounds	182
9 Phosphorus Compounds	183
10 Miscellaneous	184
Chapter 9 Alicyclic Chemistry	185
<i>By J. M. Mellor</i>	
1 Introduction	185
2 Synthesis	186
Monocyclic Compounds	186
Bicyclic Compounds	192
Bridged and Polycyclic Compounds	194
3 Structural Aspects	197
Studies of Conformation	197
4 Chemistry	199
Neutral Species	199

<i>Contents</i>	xiii
Carbenium Ions	200
Radical Species	201
Carbanions	202
5 Stereoselectivity of Attack at sp^2 Centres	203
Chapter 10 Aromatic Chemistry	205
<i>By R. Bolton</i>	
1 General and Theoretical Considerations	205
2 Benzene Derivatives	206
Electrophilic Substitution	206
Nucleophilic Substitution	211
Homolytic Aromatic Substitution	214
3 Synthetic Aspects	215
4 Polybenzenoid and Non-benzenoid Systems	223
Polybenzenoid Systems	223
Non-benzenoid Systems	226
Carcinogenic Hydrocarbons	227
5 Cyclophanes	229
Chapter 11 Heterocyclic Compounds	233
<i>By T. M. Cresp</i>	
1 Introduction	233
2 Three-membered Rings	233
3 Four-membered Rings	236
General	236
β -Lactams	236
4 Five-membered Rings	239
5 Six-membered Rings	249
6 Seven-membered and Larger Rings	252
Chapter 12 Organometallic Chemistry	255
<i>Part (i) The Transition Elements</i>	255
<i>By M. Bochmann, M. D. Johnson, and R. A. Head</i>	
1 Introduction	255
2 Reactions of Co-ordinated Ligands	256
3 Stereoselective Synthesis	260

4 Asymmetric Hydrogenation	262
5 Nucleophilic Additions Involving η^3-Allyl Complexes	263
6 C—C Coupling <i>via</i> Metal–Carbon σ-Bonds	268
Coupling Reactions with Alkenes, Alkynes, and Acyl Halides	268
Coupling Reactions with Metal-alkyl-type Nucleophiles	270
7 Carbonylation	272
8 Chemistry of Synthesis Gas	273
9 Catalysis by Metal Clusters	275
10 Heterocyclic Chemistry	275
11 Pyrethroid Synthesis	276
 <i>Part (ii) Main-Group Elements</i>	281
<i>By J. L. Wardell</i>	
1 Introduction	281
2 General	281
3 Group 1	284
4 Group 2	286
5 Group 3	290
6 Group 4	292
7 Group 5	296
 Chapter 13 Synthetic Methods	299
<i>By W. Carruthers</i>	
1 Introduction	299
2 Alcohols	299
3 Alkenes	303
4 Aldol Condensation	307
5 Alkylation	317
6 Annellation	322
7 Cyclization Reactions	325
8 The Diels–Alder Reaction	333
9 1,3-Dipolar Cycloaddition Reactions	342
10 Ene Reaction	344

<i>Contents</i>	xv
Chapter 14 Biological Chemistry	347
<i>Part (i) Prostaglandins</i>	347
<i>By R. F. Newton and S. M. Roberts</i>	
1 Introduction	347
2 History, Nomenclature, and Occurrence	347
3 Biosynthesis and Metabolism of Prostaglandins	349
4 Biological Activity of Prostaglandins and Thromboxanes	350
5 Chemical Synthesis of Prostaglandins, Thromboxanes, and Analogues	351
Synthesis of Prostaglandins A—F	351
New Routes to the Corey Lactone and Congeners	351
The Glaxo Synthesis	355
Conjugate Addition to 4-Substituted Cyclopentenones	357
Miscellaneous Procedures	360
Synthesis of Some Analogues of Prostaglandins A—F	361
11-Deoxyprostaglandin E	361
Fluoroprostaglandins	364
Azaprostaglandins	365
Synthesis of Prostaglandins G—I	367
Synthesis of Some Analogues of Prostaglandins H and I	369
6,9-Methyleneprostaglandin I ₂ (Carba-PG-I ₂)	371
6,9-Thiaprostaglandin I ₂	372
Homoprostaglandin I ₂	373
Prostaglandin I ₁	373
Synthesis of Thromboxane B ₂	374
Synthesis of Some Analogues of Thromboxane-A ₂	377
<i>Part (ii) Enzyme Chemistry</i>	381
<i>By C. A. Ross</i>	
1 Introduction	381
2 Restriction Endonucleases	382
3 Kinetic Analysis	384
4 pH Effects	387
5 Dehydrogenases	390
6 Co-operativity	392

Section A, Inorganic Chemistry, contains the following items

- 1 Introduction. By J. D. Donaldson

s- and p-Block Elements

- 2 Li, Na, K, Rb, Cs, Fr; Be, Mg, Ca, Sr, Ba, Ra. By M. R. Truter
- 3 B, Al, Ga, In, Tl. By A. J. Welch
- 4 C, Si, Ge, Sn, Pb; N, P, As, Sb, Bi. By P. G. Harrison
- 5 O, S, Se, Te. By F. J. Berry
- 6 F, Cl, Br, I, At, and Noble Gases. By J. M. Winfield

d- and f-Block Elements

- 7 Ti, Zr, Hf; V, Nb, Ta; Cr, Mo, W; Mn, Tc, Re. By J. E. Newbery
- 8 Fe, Co, Ni. By B. W. Fitzsimmons
- 9 Ru, Os, Rh, Ir, Pd, Pt. By M. G. H. Wallbridge and J. G. Taylor
- 10 Cu, Ag, Au; Zn, Cd, Hg. By P. O'Brien
- 11 Sc, Y, the Lanthanides and the Actinides. By S. J. Lyle

Radiochemistry

- 12 Radiochemistry. By D. S. Urch

Industrial Inorganic Chemistry

- 13 Industrial Inorganic Chemistry. By R. Thompson

Section C, Physical Chemistry, contains the following items

- 1 Introduction. By M. C. R. Symons
- 2 Kinetic and Thermodynamic Studies of Electrolyte Solutions. By B. G. Cox
- 3 Laser Chemistry. By G. Duxbury
- 4 Phase Transitions in Ionic and Molecular Solids. By N. G. Parsonage
- 5 Mössbauer Spectroscopy. By S. J. Clark, J. D. Donaldson, and S. M. Grimes
- 6 Kinetics of Reactions in Solution. Carbon Acid Reactivity. By J. R. Jones
- 7 Electron Spin Resonance Spectroscopy. By M. C. R. Symons
- 8 Spectroscopic Investigations of Metalloproteins. By F. A. Armstrong and H. A. O. Hill
- 9 Gas Phase Molecular Spectroscopy. By M. T. Macpherson and R. F. Barrow
- 10 Modified Electrodes. By W. J. Albery and A. R. Hillman