THE BRITISH SCIENCE GUILD

FOUNDED IN 1905 BY THE LATE

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Telephone: Regent 5089.
Aims and Objects of the Guild.

The British Science Guild is not a scientific society, an institute of industry, or an educational association, but a national organisation in which the interests of science, industry and education are represented, and their activities co-ordinated for the common good. No technical qualifications are required for membership; and the rate of subscription cannot prevent anyone from joining the Guild, and thus giving practical support to its work.

Though the Guild has been in existence since 1905, the objects for which it was founded have only recently been recognised as essential points of a national programme. As stated in 1905, they are as follows:

(1) To bring together as members of the Guild all those throughout the Empire interested in science and scientific method, in order, by joint action, to convince the people, by means of publications and meetings, of the necessity of applying the methods of science to all branches of human endeavour, and thus to further the progress and increase the welfare of the Empire.

(2) To bring before the Government the scientific aspects of all matters affecting the national welfare.

(3) To promote and extend the application of scientific principles to industrial and general purposes.

(4) To promote scientific education by encouraging the support of universities and other institutions where the bounds of science are extended, or where new applications of science are devised.

The attention lately given to science and industry in relation to the State shows that these objects are at last being accepted, and that widespread sympathy exists with the aims of the Guild.

In order to take advantage of this new attitude, in the interests of national welfare, the Guild should be represented in all parts of the Empire by members who will bring its aims before the public by individual efforts, or through local committees combining the activities of science, industry and education.

Outline of Activities.

The Guild, soon after its formation, constituted Committees to enquire into various matters which were at that date (1905) held to be of importance; it has since then, from time to time, constituted additional Committees to deal with new subjects and questions as these have come into prominence.
These Committees, on which many distinguished representatives of industry as well as of science and education have served, have investigated, *inter alia*, the following matters:—

Awards for Medical Discovery.
Agricultural Research in the United Kingdom.
The British Chemical Industries.
The British Dye Industry.
The Conservation of Natural Sources of Energy.
The Co-ordination of Charitable Effort.
The Design and Manufacture of Microscopes.
Explosives.
Fisheries Development.
The Introduction of the Metric System.
Medical Research, and many other Medical Questions.
The Prevention of the Pollution of Rivers.
The Provision of Glass and other Laboratory Ware.
The Synchronisation of Clocks.
Veterinary Research.
The Utilisation of Science in Public Departments.

Many very valuable reports have been prepared by these Committees and placed in the hands of Ministers in charge of the Government Departments particularly concerned with the matters and questions dealt with in them.

Recommendations contained in the Reports of the Committees of the Guild have also been widely acted upon outside Government Departments, and there is evidence that the value of the work which the Guild has done, and is doing, is becoming more widely appreciated as time proceeds. However, in order that the Guild shall carry, in connection with the work it has taken up, full weight in responsible quarters, and that its activities may be rendered more effective, an increase in its membership is essential.

In 1918 and 1919 the Guild organised highly successful Exhibitions of British Scientific Products, which were of much assistance in promoting the interests of British science and industry at a critical period.

Applications for Membership should be made to the Secretary, British Science Guild, 6, John St., Adelphi, London, W.C.2. The rates of subscription are:

<table>
<thead>
<tr>
<th></th>
<th>£</th>
<th>s.</th>
<th>d.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Fellowship</td>
<td>10</td>
<td>0</td>
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</tr>
<tr>
<td>Life Membership</td>
<td>5</td>
<td>0</td>
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</tr>
<tr>
<td>Annual Fellowship</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Annual Membership</td>
<td>0</td>
<td>10</td>
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</tr>
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<td>Annual Membership for Firms</td>
<td>5</td>
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<td>0</td>
</tr>
</tbody>
</table>
A CATALOGUE OF BRITISH SCIENTIFIC AND TECHNICAL BOOKS
A CATALOGUE
OF
BRITISH SCIENTIFIC
AND TECHNICAL BOOKS

Covering every Branch of Science and
Technology carefully Classified
and Indexed

21410

Prepared by a Committee
of the British Science Guild.

BRITISH SCIENCE GUILD
6, John Street, Adelphi, London, W.C. 2.
1921.
The Committee responsible for the preparation of the Catalogue of British Scientific and Technical Books consists of the following members of the British Science Guild:—

Sir Richard Gregory (Chairman).
Sir Edward Brabrook, C.B.
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Mr. Carmichael Thomas.
Mrs. Wilson.
Col. Sir John S. Young, C.V.O.
Lt.-Col. W. A. J. O'Meara, C.M.G. (Hon. Secretary of the British Science Guild).
PREFACE.

WHEN the first British Scientific Products Exhibition was organised by the British Science Guild, in the year 1918, one of the stalls was devoted to a display of scientific and technical books. So much interest was taken in this exhibit that it was repeated in the following year, and a selected list of such books was published in the Catalogue of this Exhibition. Similar lists have been issued by the Science Masters' Association and the Association of Science Teachers, but the Guild's list was intended to be of service to industry rather than to education. It provided a handy guide to the chief existing British books on science and technology and proved of decided value to manufacturers seeking suitable works upon the particular subjects with which they were concerned.

The list was reprinted and widely circulated by the well-known scientific and technical booksellers, Messrs. A. and F. Denny, and the many inquiries for it, or for a more complete Catalogue of British books on science and technology, led the British Science Guild to undertake the preparation and publication of such a Catalogue. The work was entrusted to a special committee which had at the outset to decide whether an attempt should be made to establish a standard of merit by which to determine inclusion or exclusion of books in the Catalogue, or whether all titles within the scope of the Catalogue should be admitted. The conclusion reached was that it would be more satisfactory to make the Catalogue a complete record of scientific and technical books other than those intended for primary schools, and elementary volumes of like nature, in the current lists of publishers in the United Kingdom, and obtainable through booksellers in the usual way.

The Committee was fortunate in having among its members Mr. P. Passenger, who not only possesses wide
knowledge and long experience in the handling of books on science and technology, but is also keenly interested in the cataloguing of them. Mr. Passenger undertook the task of making on a uniform plan a card catalogue of the full details of such books in the lists of British publishers; and the Committee is much indebted to him for the care and attention he devoted to this work. In order to secure uniformity in the bibliographic particulars, it was necessary to invite the assistance of publishers, and the Committee is glad to acknowledge that this aid was readily given. It has thus been possible to state, for each volume in the Catalogue, the author's name, title of book, size of page, number of pages, date of last edition, name of publisher, and price at the time (April, 1921) when the Catalogue was sent to the printers.

The volume contains more than six thousand titles, and their satisfactory classification required careful consideration. About fifty main groups were eventually decided upon and these were divided into nearly five hundred sub-classes. Even when a scheme of classification had been formed it was frequently difficult to determine under which head to place a book, but the Committee was fortunately able to secure additional assistance in accomplishing this task and desires to express grateful thanks for it. Prof. J. H. Ashworth, F.R.S., classified the titles of biological books, Miss M. S. Aslin those on agriculture, Prof. H. Wildon Carr dealt with books on philosophy and Miss M. Punnett and Prof. T. P. Nunn with those on mathematics. Other titles were classified by members of the Committee.

The classification adopted is such that, so far as practicable, related subjects are placed near one another; and under each head or sub-head the titles are arranged alphabetically according to author's names. It is thus possible to see at a glance the volumes available in any branch of science and technology. Following this natural order, there is an alphabetical list of authors' names, and a subject index, which should be of service in
Preface.

furnishing an easy guide to a book or group of books upon a particular subject. For the preparation of this subject index, the Committee gladly expresses its obligations to Mr. G. S. Sweeting.

As to what are the best books available is often a matter of individual preference, and the Committee has made no attempt to exercise selective functions in this matter. With the present complete Catalogue, however, to show at a glance the actual works now obtainable, it is much easier to ask an authority upon a specific subject to indicate what he considers the most suitable books for particular needs or purposes—whether educational or industrial—than it would be in the absence of this list, and the Guild would no doubt furnish such information to any of its members who may desire guidance of this kind.

The British Science Guild believes that in producing this Catalogue it is promoting the use of knowledge and thereby furthering the development of education, science and industry. The books themselves represent worthy British scientific products and the Catalogue should be a means of extending their use not only at home but also in parts of the Empire overseas and in countries not yet familiar with what we have to offer in scientific and technical literature. If support to this enterprise is sufficiently encouraging, the Guild hopes to issue a revised edition of the Catalogue annually and thus keep up-to-date a publication which should prove of value to workers in many fields.

R. A. GREGORY.
CLASSIFIED LIST OF CONTENTS.

SCIENCE IN GENERAL.
  i. General and Popular Science ........................................ 1
  ii. Biographies of Men of Science, etc .................................. 2
  iii. History of Science, Education, Learning, Commerce .............. 4

PHILOSOPHY.
  i. General and Historical ............................................. 6
  ii. Metaphysics .......................................................... 8
  iii. Ethics ............................................................... 11
  iv. Aesthetics ........................................................... 12
  v. Logic ...................................................................... 13

PSYCHOLOGY.
  i. General and Historical ............................................. 15
  ii. Experimental and Psychological Psychology ...................... 17
  iii. Mental Development and Child Study ........................... 18
  iv. The Animal Mind ...................................................... 19
  v. The Abnormal and Psychological Analysis ......................... 19
  vi. Social Psychology ..................................................... 20

MATHEMATICS.
  i. Collected Papers ..................................................... 21
  ii. History ................................................................. 21
  iii. Philosophy and Pedagogy of Mathematics ......................... 22
  iv. Examination Papers ................................................ 22
  v. Popular ..................................................................... 22
  vi. General Pure Mathematics ........................................... 22
  vii. Functions ................................................................ 23
  viii. Vectors and Quaternions .......................................... 23
  ix. Applied Mathematics—Dynamics, Physics, etc ................... 24
  x. Practical Applied Mathematics (Elementary) ..................... 24
      b. Higher Algebra, Theory of Equations and Quantics .......... 26
      c. Determinants, Theory of Graphs, etc ........................ 27
  xii. Calculus: a. Elementary .......................................... 27
      b. Differential and Integral ....................................... 28
      c. Differential Equations, etc ..................................... 29
  xiii. Higher Geometry, Pure and Analytical, and Differential Geometry .... 29
      b. Conic Sections .................................................... 31
      c. Solid Geometry ................................................... 32
      d. Projective Geometry ............................................. 32
  xv. Analytical Geometry .............................................. 32
  xvi. Practical Geometry and Graphics .................................. 33
  xvii. Mensuration ......................................................... 33
  xviii. Euclid ............................................................... 34
  xix. Non-Euclidean Geometry .......................................... 34
  xx. Trigonometry: a. Elementary ..................................... 34
      b. Plane and Spherical .............................................. 35
  xxi. Arithmetic ............................................................ 36
  xxii. Logarithms and Slide Rule ....................................... 37
  xxiii. Mathematical and Physical Tables ............................. 37
  xxiv. Statistics ............................................................ 38

MECHANICS.
  i. General ................................................................. 39
  ii. Statics and Dynamics ............................................... 40
  iii. Hydrostatics and Hydrodynamics .................................. 42
  iv. Applied Mechanics ................................................ 42
  v. Mechanism ............................................................ 43
  vi. Strength and Elasticity of Materials ............................. 43
  vii. Mathematical Theory of Elasticity .............................. 44
  viii. Theory and Design of Structures ............................... 44
  ix. Gyrostatics ........................................................... 45
  x. Measurements, Weights and Calculations ........................ 45

MACHINE DRAWING, DESIGN, DRAUGHTSMANSHIP.
  i. General ................................................................. 47
  ii. Geometrical Drawing and Designing, Hand-Lettering ............. 48
## CIVIL ENGINEERING.

- i. General ........................................... 49
- ii. Estimates, Formulæ, etc. ......................... 50
- iii. Surveying: Land and Mine ...................... 50
- iiii. Tables and Calculations ....................... 52
- iv. Roadmaking ...................................... 52
- v. Railways and Tramways: Permanent Way and Working ........................................... 52
- vi. Hydraulics, Hydraulic Engineering, Harbours, River and Canal Engineering .................. 53
- vii. Irrigation ........................................ 55
- viii. Shore Protection, Land Reclamation ............ 55
- ix. Hydraulic Motors ................................ 56
- x. Pumps ............................................. 56
- xi. Water Supply ..................................... 56
- xii. Water Purification ................................ 57
- xiii. Municipal Engineering: Sanitary Science and Plumbing ........................................... 57
- xiv. Illumination ..................................... 59
- xv. Heating and Ventilating Buildings ............... 60
- xvi. Refuse Disposal .................................. 60

## MECHANICAL ENGINEERING.

- i. General ........................................... 72
- ii. Power Transmission, Gearings ..................... 73
- iii. Compressed Air Power Transmission ............... 74
- iv. Lubrication ...................................... 74
- v. Lifting and Conveying ................................ 74
- vi. Foundry Work ..................................... 74
- vii. Machine Tools ................................... 75
- viii. Wood Working Machinery ......................... 77
- ix. Welding, etc. .................................... 77
- x. Sheet Metal Work .................................. 77
- xi. Metals:
  - a. Forging ........................................ 77
  - b. Coating ........................................ 78
  - c. Gold and Silversmith’s Work ....................... 78
- xii. Horology ........................................ 78
- xiii. Motor Car Engineering ......................... 79
- xiv. Motor Cycles .................................... 80
- xv. Heat Engines and Steam Engines: Design, Construction, Testing, etc. .................... 81
- xvi. Refrigeration ................................... 82
- xvii. Stationary and Portable Steam Engines .......... 82
- xviii. Locomotive Engineering ....................... 83
- xix. Valves and Valve Gearing ....................... 83
- xx. Steam Boilers: Construction and Management .. 84
- xxi. Marine Engines .................................. 85
- xxii. Internal Combustion Engines .................... 85
- xxiii. Turbines: Steam and Gas ....................... 87
- xxiv. Engineering Reference Books & Miscellaneous ........................................... 89

## BUILDING CONSTRUCTION.

- i. General ........................................... 61
- ii. Estimates, Quantities, Supervision, Repairs .................. 62
- iii. Building Law, Arbitration ....................... 63
- iv. Building Materials ................................ 64
- v. Carpentry, Woodwork and Allied Trades ............ 64
- vi. Cob and Pisé Work ................................ 65
- vii. Bricks and Tiles, Artificial and Masonry Stone ...... 65
- viii. Cement, Concrete ................................ 66
- ix. Re-inforced Concrete ................................ 66
- x. Iron and Steel Construction ........................ 67
- xi. Miscellaneous ..................................... 68
- xii. Town Planning .................................... 68
- xiii. House Decoration, Paints, etc. ................... 68

## NAVAL ARCHITECTURE AND SHIPBUILDING.

- i. General ........................................... 70
- ii. Miscellaneous .................................... 71

## AERONAUTICS.

- i. Historical and General ......................... 91
- ii. Theory and Practice of Flight ..................... 92
- iii. Design and Construction ......................... 93
- iv. Airscrews and Aerofoils ........................ 93
- v. Aero Engines ..................................... 94
- vi. Aerial Navigation .................................. 94
- vii. Reference Books for Aviators .................... 94
- viii. Balloons, Dirigibles, etc ....................... 95

## PHYSICS.

- i. Collected Works and Historical .................. 96
- ii. General Works:
  - a. Heat .......................................... 99
  - b. Thermodynamics ................................ 99
  - c. High Temperatures .............................. 99

- xii.
Contents.

b. Physical Chemistry 127
d. Colloids 128
d. Catalysis 128
e. Ferments 128
f. Electrolysis 128

vi. Inorganic Chemistry 129
vii. Laboratory Work and Arts 130
viii. Organic Chemistry 130
ix. Analytical Chemistry:
   a. General 132
   b. Qualitative Analysis 133
c. Quantitative Analysis 133
d. Volumetric Analysis 134

x. Biological and Physiological Chemistry 134
xi. Plant Constituents 135

APPLIED AND INDUSTRIAL CHEMISTRY.

i. General, including Chemical Engineering 136
ii. Water 137
iii. Fermentation. Brewing.
   Alcohol 137
iv. Sugar and its Manufacture 138
v. Cocoa and Chocolate 139
vi. Foods. Flour, and Bread making, etc. 139
vii. Glues, Agglutinants, Casein, etc. 139
viii. Drugs and Disinfectants 139
ix. Oils, Fats, Waxes, Soap Manufacture. Margarine 139
x. Pigments, Paints, Varnishes, Resins, etc. 141

xi. Rubber, Gutta Percha, etc. 142
xii. Fuels. Smoke Prevention, etc. 142
xiii. Liquid Fuels and their Use 143
xiv. Producer Gas. Acetylene 143
xv. Petroleum and Mineral Oils 143
xvi. Coal. Briquetting, etc. 144
xvii. Gas Manufacture: Coal Tar and its Products 145

CHEMISTRY.

i. History 122
ii. General 122
iii. Organic and Inorganic, for Medical Students 124
iv. Calculations and Reference Books 125
v. Theoretical and Physical:
   a. Theoretical 126

ELECTRICAL ENGINEERING.

i. General Treatises 109
ii. Electric Generation: Power Plant 111
iii. Switchboards and Accessories 111
iv. Electric Generators and Motors: General 111
v. Continuous Current and Machinery 112
vi. Alternating Current and Machinery 112
vii. Transformers 113
viii. Transmission 114
ix. Testing 114
x. Electrical Measurements and Instruments 115
xi. Induction Coils and Batteries 115
xii. Electric Wiring and Fitting 116
xiii. Electric Light and Illumination 116
xiv. Electric Bells 117
xv. Electric Traction 117
xvi. Electrical Application to the Motor Car 118
xvii. Electro-Plating 118
xviii. Electric Welding 119
xix. Telephony and Telegraphy 119
xx. Wireless Telegraphy and Telephony 120

CHEMISTRY.

d. Gases 100
e. Light 100
f. Physiological Optics and Optical Instruments 101
g. Colour: Spectra 102
h. Sound 102
i. Properties of Matter 103
j. Molecular Physics 103

iii. Relativity 104
iv. Current in Gases 104
v. X-Rays and Radio-Activity 104
vi. Magnetism and Electricity 106

xiii.
<table>
<thead>
<tr>
<th>Contents.</th>
</tr>
</thead>
<tbody>
<tr>
<td>xxv. Glass, Pottery and Ceramics ........... 149</td>
</tr>
<tr>
<td>xxvi. Explosives and their Manufacture ...... 150</td>
</tr>
<tr>
<td>xxvii. Acids, Alkalies, Salt, etc. .......... 150</td>
</tr>
<tr>
<td>xxviii. Utilisation of Waste Products; Wood Products 151</td>
</tr>
<tr>
<td>xxix. Miscellaneous Chemical Manufactures .... 151</td>
</tr>
<tr>
<td>METALLURGY.</td>
</tr>
<tr>
<td>i. General and Miscellaneous 153</td>
</tr>
<tr>
<td>ii. Iron and Steel 153</td>
</tr>
<tr>
<td>iii. Non-Ferrous Metals and Alloys 154</td>
</tr>
<tr>
<td>iv. Electro-Metallurgy 155</td>
</tr>
<tr>
<td>v. Analysis and Assaying 156</td>
</tr>
<tr>
<td>vi. Metallurgy 156</td>
</tr>
<tr>
<td>vii. Heat Treatment of Metals 155</td>
</tr>
<tr>
<td>viii. Foundry Work 157</td>
</tr>
<tr>
<td>MILITARY SCIENCE AND ENGINEERING. 158</td>
</tr>
<tr>
<td>ASTRONOMY.</td>
</tr>
<tr>
<td>i. Historical and Biographical .... 159</td>
</tr>
<tr>
<td>ii. General and Comprehensive Treatises .... 159</td>
</tr>
<tr>
<td>iii. The Moon 160</td>
</tr>
<tr>
<td>iv. Solar and Stellar 160</td>
</tr>
<tr>
<td>v. Astronomical Atlases 161</td>
</tr>
<tr>
<td>METEOROLOGY 162</td>
</tr>
<tr>
<td>MINERALOGY.</td>
</tr>
<tr>
<td>i. General 164</td>
</tr>
<tr>
<td>ii. Crystallography 164</td>
</tr>
<tr>
<td>iii. Economic Mineralogy 164</td>
</tr>
<tr>
<td>GEOLOGY.</td>
</tr>
<tr>
<td>i. General 166</td>
</tr>
<tr>
<td>ii. History 167</td>
</tr>
<tr>
<td>iii. Seismology and Endogenetic Structures 167</td>
</tr>
<tr>
<td>iv. Land Forms and Exogenetic Structures 167</td>
</tr>
<tr>
<td>v. Petrology 168</td>
</tr>
<tr>
<td>vi. Stratigraphy 168</td>
</tr>
<tr>
<td>vii. Geological Maps 168</td>
</tr>
<tr>
<td>viii. Topographical Geology 169</td>
</tr>
<tr>
<td>ix. Economic Geology 169</td>
</tr>
<tr>
<td>PALEONTOLOGY.</td>
</tr>
<tr>
<td>i. General 170</td>
</tr>
<tr>
<td>ii. Palaeobotany 170</td>
</tr>
<tr>
<td>MINING.</td>
</tr>
<tr>
<td>i. General 171</td>
</tr>
<tr>
<td>ii. Coal Mining 172</td>
</tr>
<tr>
<td>iii. Blasting, Ventilation, and Compressed Air 172</td>
</tr>
<tr>
<td>iv. Electricity applied to Mining 173</td>
</tr>
<tr>
<td>v. Mining for Gold, Diamonds, etc. 173</td>
</tr>
<tr>
<td>vi. Ore Dressing 174</td>
</tr>
<tr>
<td>GEOGRAPHY.</td>
</tr>
<tr>
<td>i. Teaching of Geography 175</td>
</tr>
<tr>
<td>ii. Historical Geography 175</td>
</tr>
<tr>
<td>iii. Physiography 175</td>
</tr>
<tr>
<td>iv. Physical Geography 176</td>
</tr>
<tr>
<td>v. Map Work 176</td>
</tr>
<tr>
<td>vi. Commercial and Economic 176</td>
</tr>
<tr>
<td>vii. General: The World 177</td>
</tr>
<tr>
<td>viii. British Empire 178</td>
</tr>
<tr>
<td>ix. Descriptive Regional 178</td>
</tr>
<tr>
<td>x. Miscellaneous 179</td>
</tr>
<tr>
<td>NAVIGATION AND SEAMANSHIP.</td>
</tr>
<tr>
<td>i. Navigation and Nautical Astronomy 180</td>
</tr>
<tr>
<td>ii. Examination Guides to Navigation and Seaman- 181</td>
</tr>
<tr>
<td>ship 181</td>
</tr>
<tr>
<td>iii. Compass Work 181</td>
</tr>
<tr>
<td>iv. Nautical Tables and Terms 181</td>
</tr>
<tr>
<td>v. Seamanship 182</td>
</tr>
<tr>
<td>vi. Marine Signalling 182</td>
</tr>
<tr>
<td>vii. Charts, Tides, Oceanography 182</td>
</tr>
<tr>
<td>BIOLOGY.</td>
</tr>
<tr>
<td>i. General 184</td>
</tr>
<tr>
<td>ii. Nature Study 184</td>
</tr>
<tr>
<td>iii. Natural History 185</td>
</tr>
<tr>
<td>iv. Zoology and Morphology 185</td>
</tr>
<tr>
<td>v. Insects, Spiders, Ticks 187</td>
</tr>
<tr>
<td>vi. Other Invertebrates 190</td>
</tr>
<tr>
<td>vii. Vertebrates:</td>
</tr>
<tr>
<td>a. General 191</td>
</tr>
<tr>
<td>b. Fishes 191</td>
</tr>
<tr>
<td>c. Batrachians and Reptiles 192</td>
</tr>
<tr>
<td>d. Birds 192</td>
</tr>
<tr>
<td>e. Mammals 193</td>
</tr>
<tr>
<td>viii. Geographical Distribution 193</td>
</tr>
<tr>
<td>xiv.</td>
</tr>
</tbody>
</table>
ix. Evolution, Variation, Heredity, Genetics, Sex, Origin of Life 193
x. Cytology 196
xi. Microscopy 196
xii. Anthropology 197

BOTANY.
i. General 198
ii. Morphology, Physiology, etc. 201
iii. Geographic Distribution 203
iv. Algae 203
v. Fungi 204
vi. Ferns and Mosses 204
vii. Flora 205

FORESTRY 208

AGRICULTURE.
i. General 211
ii. Botany, including Poisonous Plants, Plant Diseases and Pests 212
iii. Chemistry 213
iv. Geology 214
v. Zoology 214
vi. Bacteriology 214
vii. Economics 214
viii. Engineering 215
ix. History 215
x. Animal Husbandry:
a. Dairying 215
b. Livestock 216
c. Nutrition 217
xi. Field Crops 218
xii. Soils and Fertilisers 220

ANATOMY.
i. General: Practical, Surgical 221
ii. Embryology 222
iii. Histology 223
iv. Osteology; Neurology; Glands 223
v. Surface Anatomy 224
vi. Artistic Anatomy 224
vii. Comparative Anatomy 224

PHYSIOLOGY.
i. General and Practical 225
ii. Chemical Physiology 227
iii. Nerves; Brain; Special Senses 227
iv. Secretions; Muscles; Electro-Physiology 227
v. Sexual Physiology, etc. 228

BACTERIOLOGY 229

MEDICINE.
A. Historical, Biographical, etc. 231
B. Hygiene, Public Health, Medical Jurisprudence, Toxicology.
i. Hygiene 232
ii. Public Health 234
iii. Water Analysis 234
iv. Food Analysis and Inspection 235
v. Epidemics, Medical Geography, and Climatology 236
vi. Tropical Hygiene 236
vii. Sanitary Law 237
viii. Medical Jurisprudence 237
ix. Toxicology 238

c. Pathology.
i. Pathological Anatomy, Histology, Laboratory Methods 239
ii. Examination of the Urine 239
iii. Post Mortem Examination 239
iv. General Pathology 239
v. Special Pathology 240
vi. Haematology 241

d. Practice of Medicine.
i. General Treatises 241
ii. Clinical Medicine and Diagnosis 243
iii. Infectious Diseases:
a. General Fevers 244
b. General Infectious Diseases 245
c. Beri-beri 245
d. Cerebro-Spinal Fever 245
e. Cholera 245
f. Diphtheria 245
g. Dysentery, Malarial Diseases 245
h. Plague 246
i. Small-Pox 246
j. Tetanus 246
k. Typhoid Fever 246
l. Venereal Diseases; Syphilis; Gonorrhoea 246
m. Yellow Fever 248
iv. Diseases due to Parasites 248
v. Constitutional Diseases:
a. Cancer 248
b. Rheumatism; Gout 249
### Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>vi. Tuberculosis</td>
<td>249</td>
</tr>
<tr>
<td>vii. Diseases of the Nervous System:</td>
<td></td>
</tr>
<tr>
<td>a. General, including Alcoholism</td>
<td>251</td>
</tr>
<tr>
<td>b. Diseases of the Brain and Spinal Cord</td>
<td>252</td>
</tr>
<tr>
<td>c. Neurasthenia and other Special Disorders of the Nervous System</td>
<td>252</td>
</tr>
<tr>
<td>d. Nervous Disorders caused by war</td>
<td>252</td>
</tr>
<tr>
<td>e. Mental Disorders, Insanity, Psychiatry</td>
<td>253</td>
</tr>
<tr>
<td>viii. Diseases of the Blood, Lymphatics, and Glands</td>
<td>254</td>
</tr>
<tr>
<td>ix. Diseases of the Heart and Circulatory System</td>
<td>254</td>
</tr>
<tr>
<td>x. Diseases of the Respiratory System</td>
<td>255</td>
</tr>
<tr>
<td>xi. Diseases of the Digestive System and of the Stomach</td>
<td>256</td>
</tr>
<tr>
<td>xii. Diseases of the Liver and Gall Bladder</td>
<td>256</td>
</tr>
<tr>
<td>xiii. Diseases of the Intestines</td>
<td>257</td>
</tr>
<tr>
<td>xiv. Diseases of the Rectum and Peritoneum</td>
<td>257</td>
</tr>
<tr>
<td>xv. Diseases of the Genito-Urinary System</td>
<td>257</td>
</tr>
<tr>
<td>xvi. Diseases of the Kidneys</td>
<td>257</td>
</tr>
<tr>
<td>xvii. Diseases of the Bladder</td>
<td>258</td>
</tr>
<tr>
<td>xviii. Diseases of the Abdomen</td>
<td>258</td>
</tr>
<tr>
<td>xix. Tropical Medicine</td>
<td>258</td>
</tr>
<tr>
<td>xx. Occupational Diseases</td>
<td>259</td>
</tr>
<tr>
<td>e. Genito-Urinary Organs</td>
<td>260</td>
</tr>
<tr>
<td>xii. Surgical Diseases:</td>
<td></td>
</tr>
<tr>
<td>a. Hernia</td>
<td>266</td>
</tr>
<tr>
<td>b. Tumours</td>
<td>267</td>
</tr>
<tr>
<td>c. Diseases of the Locomotive System</td>
<td>267</td>
</tr>
<tr>
<td>xiii. Orthopaedic Surgery</td>
<td>267</td>
</tr>
<tr>
<td>xiv. Deformities and their Surgical Treatment</td>
<td>268</td>
</tr>
<tr>
<td><strong>OPHTHALMOLOGY.</strong></td>
<td></td>
</tr>
<tr>
<td>i. General Treatises and Operative Ophthalmology</td>
<td>269</td>
</tr>
<tr>
<td>ii. Examination of the Eye: Ophthalmoscopy</td>
<td>270</td>
</tr>
<tr>
<td>iii. Diseases of the Conjunctiva</td>
<td>270</td>
</tr>
<tr>
<td>iv. Diseases of the Lens: Cataract</td>
<td>270</td>
</tr>
<tr>
<td>v. Diseases of the Optic Nerve</td>
<td>270</td>
</tr>
<tr>
<td>vi. Paralysis of the Eye</td>
<td>271</td>
</tr>
<tr>
<td>vii. Wounds and Injuries</td>
<td>271</td>
</tr>
<tr>
<td>viii. Glaucoma</td>
<td>271</td>
</tr>
<tr>
<td>ix. Colour Blindness</td>
<td>271</td>
</tr>
<tr>
<td>x. Refraction and Optical Defects</td>
<td>271</td>
</tr>
<tr>
<td>xi. Therapeutics, Spectacles, etc.</td>
<td>271</td>
</tr>
<tr>
<td><strong>OTOLOGY, RHINOLOGY, LARYNGOLOGY.</strong></td>
<td></td>
</tr>
<tr>
<td>i. General Treatises</td>
<td>273</td>
</tr>
<tr>
<td>ii. Diseases of the Ear</td>
<td>273</td>
</tr>
<tr>
<td>iii. Diseases of the Nose</td>
<td>274</td>
</tr>
<tr>
<td>iv. Diseases of the Throat</td>
<td>274</td>
</tr>
<tr>
<td><strong>GYNECOLOGY, OBSTETRICS, etc.</strong></td>
<td></td>
</tr>
<tr>
<td>i. Diseases of Women</td>
<td>275</td>
</tr>
<tr>
<td>ii. Gynaecology:</td>
<td></td>
</tr>
<tr>
<td>a. Pathology</td>
<td>275</td>
</tr>
<tr>
<td>b. General</td>
<td>275</td>
</tr>
<tr>
<td>c. Diagnosis, Operations, Therapeutics</td>
<td>276</td>
</tr>
<tr>
<td>d. Disorders, Diseases</td>
<td>276</td>
</tr>
<tr>
<td>e. Cancer of the Breast</td>
<td>276</td>
</tr>
<tr>
<td>iii. Obstetrics:</td>
<td></td>
</tr>
<tr>
<td>a. General: Labour</td>
<td>276</td>
</tr>
<tr>
<td>b. Midwifery</td>
<td>277</td>
</tr>
<tr>
<td>c. Popular</td>
<td>278</td>
</tr>
<tr>
<td>xvi.</td>
<td></td>
</tr>
</tbody>
</table>
DISEASES AND HYGIENE OF CHILDREN.
  i. General: Nutrition, etc. 279
  ii. Diagnosis; Diseases; Treatment 280

DENTISTRY.
  i. General 282
  ii. Anatomy and Physiology 282
  iii. Medicine and Diseases 282
  iv. Operative Dentistry 282
  v. Mechanical and Metallurgy 283
  vi. Materia Medica and Therapeutics 283

DERMATOLOGY (SKIN DISEASES) 284

THERAPEUTICS.
  i. General Treatises 285
  ii. Prescribing 286
  iii. Dietetics 286
  iv. Mineral Waters 287
  v. Massage and Movement Cures 287
  vi. Serum Therapy and Immunisation 287
  vii. Vaccination: Salvarsan 288
  viii. Tuberculin 288
  ix. Climatotherapy, etc. 289
  x. X-Rays, Radium, Thermotherapy 289
  xi. Electro-Therapy 289
  xii. Psycho-Therapeutics: Hypnotism 290

PHARMACY AND MATERIA MEDICA.
  i. General 291
  ii. Pharmacopoeias 291
  iii. Materia Medica 292
  iv. Pharmacology 292

NURSING.
  General and Medical 294

VETERINARY.
  i. Physiology and Anatomy 295
  ii. Medicine and Surgery 295
  iii. Therapeutics, Toxicology, etc. 296
  iv. General 296

TEXTILES.
  i. Historical and Economic 297
  ii. Raw Materials 297
  iii. Spinning and Doubling:
     a. Cotton 297
     b. Woollen and Worsted 298
     c. Jute, Flax, Silk 298
  iv. Weaving and Sizing 298
  v. Dyeing and Printing 299
  vi. Bleaching and Finishing 299
  vii. Designing, Testing, Research 300
  viii. General Manufacture 300
  ix. Textile Machinery 301
  x. Calculations, Reference Books, etc. 301
  xi. Lace, Embroidery, etc. 302
  xii. Boot and Shoe Manufacture 302
  xiii. Leather Work 302

GRAPHIC ARTS.
  i. Printing and its Allied Branches 304
  ii. The Book and Bookbinding 305
  iii. Paper and Stationery 305
  iv. Miscellaneous 305

PHOTOGRAPHY.
  i. Photography 307
  ii. Photo-Micrography 308
  iii. Cinematography 309

SCIENTIFIC MANAGEMENT, etc.
  i. Scientific and Works Management 310
  ii. Industrial Organisation 310
  iii. Estimating and Costing 311

DICTIONARIES OF TECHNICAL TERMS IN ENGLISH AND OTHER LANGUAGES 312

LIST OF PUBLISHERS 315

INDEX OF AUTHORS, COLLABORATORS, AND TRANSLATORS 319

INDEX OF SUBJECTS 365
BIBLIOGRAPHICAL DETAILS.

Books that are out of print are not given, but where a new edition is in course of preparation, it is so mentioned.

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<td>Med. 4to</td>
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</tr>
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</tr>
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<td>Super Roy. 4to</td>
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</tr>
<tr>
<td>Imp. 8vo</td>
<td>$11 \times 7\frac{1}{2}$</td>
<td>Imp. 4to</td>
<td>$15 \times 11$</td>
</tr>
</tbody>
</table>

xviii.
SCIENCE IN GENERAL.

i. GENERAL AND POPULAR SCIENCE.


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ii. BIOGRAPHIES OF MEN OF SCIENCE, etc.


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Myers, C. S. An Introduction to Experimental Psychology. Roy. 16mo. Pp. 168. 1914. Cambridge University Press. 2s. 6d.


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31
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71
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142


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177

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229
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Murrell, W. What to Do In Cases of Poisoning. 11th edn. Roy. 82mo. Pp. 283. 1916. Lewis. 3s. 6d.

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i. PATHOLOGICAL ANATOMY, HISTOLOGY, LABORATORY METHODS.


Fletcher, C., and McLean, H. The Link between the Practitioner and the Laboratory. A Guide to the Practitioner in his Relations with the Pathological Laboratory. Cr. 8vo. Pp. 91. 1920. Lewis. 4s. 6d.


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Mann, J. D. The Physiology and Pathology of the Urine. 2nd edn. 8vo. Pp. 338. 1913. Griffin. 7s. 6d.

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iv. GENERAL PATHOLOGY.


Campbell, H. Aids to Pathology. 4th edn. Fcp. 8vo. Pp. 256. 1921. Bailliére. 4s. 6d.


Horder, Sir T. J. Clinical Pathology, with a Full Account of Vaccine Therapy. Demy 8vo. Pp. 224. 1910. Frowde and Hodder. 8s. 6d.


v. SPECIAL PATHOLOGY.


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Walker, E. W. A. The General Pathology of Inflammation, Infection, and Fever. Cr. 8vo. Pp. 271. 1904. Lewis. 4s. 6d.

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D. PRACTICE OF MEDICINE.

i. GENERAL TREATISES.


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Evans, W. Medical Science of To-Day. Ex. Cr. 8vo. Pp. 324. 1912. Seeley. 7s. 6d.


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ii. CLINICAL MEDICINE AND DIAGNOSIS.


Burnet, J. The Pocket Clinical Guide. 2nd edn. Fcap. 16mo. Pp. 147. 1915. Black. 3s. 6d.


Crookshank, F. G. Essays and Clinical Studies. Demy 8vo. Pp. 252. 1911. Lewis. 7s. 6d.


Keith, R. D. Clinical Case-Taking: An Introduction to Elementary Clinical Medicine. Cr. 8vo. Pp. 104. 1918. Lewis. 4s. 6d.


—Tabular Diagnosis. Cr. 8vo. Pp. 359. 1913. Arnold. 7s. 6d.


Saundby, R. Urgent Symptoms in Medical Practice. Cr. 8vo. Pp. 437. 1915. Arnold. 8s. 6d.


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III. INFECTIOUS DISEASES.
   a. General Fevers.

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Ker, C. B. A Manual of Fevers. Cr. 8vo. Pp. 324. 1911. Frowde and Hodder. 8s. 6d.


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Seaton, E. C. Infectious Diseases and their Preventive Treatment. Cr. 8vo. Pp. 280. 1911. University of London Press. 7s. 6d.

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—On the Classification and Pathology of Beri-beri. Roy. 8vo. Pp. 74. 1903. Bale and Danielsson. 3s. 6d.

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Horder, Sir T. J. Cerebro-Spinal Fever. Fcap. 8vo. Pp. 179. 1915. Frowde and Hodder. 3s. 6d.


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Willoughby, W. G., and Cassidy, L. *Anti-Malarial Work in Macedonia among British Troops.* Cr. 8vo. Pp. 78. 1918. Lewis. 3s. 6d.


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Hanna, W. *Studies in Small-Pox and Vaccination.* Cr. 4to. Pp. 52. 1913. John Wright. 7s. 6d.

McVail, J. C. *Half-a-Century of Smallpox and Vaccination.* Demy 8vo. Pp. 94. 1919. Livingstone. 5s. 6d.


j. Tetanus.


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Webb-Johnson, A. E. *Surgical Aspects of Typhoid and Paratyphoid Fevers.* Demy 8vo. Pp. 190. 1919. Frowde and Hodder. 10s. 6d.

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Burke, E. T. *The Venereal Problem. A Description of the Venereal Diseases, their History, Prevalence, their effect upon the National Life, their Propagation and Spread, and Methods for their Control and Eradication.* Cr. 8vo. Pp. 224. 1919. Kimpton. 7s. 6d.
Carpenter, G. Syphilis of Children in Every-day Practice. Cr. 8vo. Pp. 112. 1901. Baillière. 3s. 6d.

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May, O. Prevention of Venereal Diseases. Cr. 8vo. Pp. 257. 1918. Frowde and Hodder. 7s. 6d.


Watson, J. K. The Venereal Diseases Problem: A book more especially for Nurses and Midwives. Cr. 8vo. Pp. 76. 1917. Baillière. 3s. 6d.
m. Yellow Fever.

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Da Costa, B. F. B. Sleeping Sickness. A Record of Four Years’ War against it in Principe, Portuguese West Africa. Translated by J. A. Wylle. Large Roy. 8vo. Pp. 274. 1916. Baillièere. 7s. 6d.

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Bannatyne, G. A. Rheumatoid Arthritis. 4th edn. 8vo. Pp. 191. 1906. John Wright. 7s. 6d.


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Griffiths, F. G. Studies in Pulmonary Tuberculosis: its Dissemination, Specific Diagnosis and Treatment, and some Points in its Pathology. Cr. 4to. Pp. 122. 1911. Bailliére. 5s.


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Bristowe, J. S. Lectures and Essays on Diseases of the Nervous System. 8vo. Pp. 403. 1888. Murray. 12s. 6d.


Harris, D. F. Nerves. Feap. 8vo. Pp. 254. 1913. Williams and Norgate. 2s. 6d.

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Wyllie, J. Meningitis, Sinus Thrombosis and Abscess of the Brain. With Appendices on Lumbar Puncture and its Uses; and Diseases of the Nasal Accessory Sinuses. Post 8vo. Pp. 267. 1911. Lewis. 6s. 6d.

c. Neurasthenia and other special Disorders of the Nervous System.


Bruce, W. Sciatica. A Fresh Study, with notes of nearly 700 cases. Cr. 8vo. Pp. 188. 1918. Bailliére. 5s.


—Epilepsy and other Chronic Convulsive Diseases: their Causes, Symptoms, and Treatment. 2nd edn. 8vo. Pp. 330. 1901. Churchill. 10s. 6d.


Hurry, J. B. The Vicious Circles of Neurasthenia and their Treatment. 8vo. Pp. 106. 1915. Churchill. 3s. 6d.


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Medicine.


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Broadbent, Sir W. H., and Sir J. F. H. Heart Disease and Aneurysm of the Aorta, with special Reference to Prognosis and Treatment. 4th edn. Pp. 496. 1906. Bailliére. 12s. 6d.


Brunton, Sir T. L. Collected Papers on Circulation and Respiration. First Series. 8vo. Pp. 710. 1906. Macmillan. 7s. 6d.


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Brockbank, E. M., and Ramsbottom, A. The Clinical Examination of Diseases of the Lungs. Cr. 8vo. Pp. 96. 1921. Lewis. 4s. 6d.


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Mann, Dr. Atlas of Killian's Tracheo-Bronchoscopy. 15 coloured Plates representing Pathological Preparations from cases examined during life by means of Tracheo-Bronchoscopy. Translated by T. Guthrie. Demy Folio. 1911. Bale & Danielsson. 22s.


White, R. P. Catarrhal Fevers, commonly called Colds: their Causes, Consequences, Control and Cure. Demy 8vo. Pp. 119. 1902. Lewis. 4s.

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258


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Lambart, H. C. A Practical Handbook of the Tropical Diseases of Asia and Africa. Large Cr. 8vo. Pp. 339. 1914. Griffin. 10s. 6d.


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Abadie, G. Wounds of the Abdomen. Edited by Sir W. A. Lane. Cr. 8vo. Pp. 316. 1918. University of London Press. 8s. 6d.


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Catechism Series. Diseases of the Eye. Written by W. G. Sym. Livingstone. 1s. 9d.


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284
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INDEX OF AUTHORS, COLLABORATORS AND TRANSLATORS.

Aarons, S. J. 275, 276
Abadie, G. 285
Abady, J. 146
Abbey, G. 185
Abbott, E. 8
—— P. 34, 36, 37
—— T. K. 182
Abderhalden, E. 229
Abegg, R. 122
Abel, R. 229
Abercromby, R. 162
Abney, Sir W. de W. 102, 307
Abrahams, A. 256
Abrami, P. 245
Ackworth, A. T. 65
Acorn, 208
Acton, E. H. 202
Adam, C. 271
—— J. 6, 255
—— Mrs. J. 6
—— P. 305
Adami, J. G. 193, 239, 240
Adams, H. 34, 48, 49, 50, 61, 66, 72
—— H. C. 57
—— J. E. 258
—— P. E. H. 260
—— W. P. 79
Adamson, H. G. 284
—— J. W. 4
—— R. 6, 18
Adcock, K. J. 148
Addis, A. W. C. 52
Addison, C. 221
Addyman, F. T. 104, 213
Adiasewich, A. 45
Adie, R. H. 130, 213
Adlam, G. H. J. 150
Adler, H. 187
Agar, W. E. 196, 228
Agnew, W. A. 117
Aikons, E. L. 83
Aikman, C. M. 213
Ainslie, D. 9, 11, 12, 18
Ainsworth-Davis, J. R. 211, 212, 214, 215
Aitchison, L. 156
—— R. S. 241

Aitken, T. 52
Akers, C. E. 142
Albee, E. 4
Alemaeon. 6
Alcock, A. 248, 259
—— N. H. 225
—— R. A. 198
Alderson, W. E. 282
Aldis, H. G. 305
—— W. S. 100
Aldous, J. C. P. 96
Aldridge, H. A. 68
Alexander, F. M. 193, 197
—— J. 45, 242
—— J. H. 109
—— S. 8
—— T. 42
—— W. 49
Alford, C. J. 171
Aliotta, A. 1
Allan, A. P. 290
—— F. J. 57, 232
Allanach, W. 106
Allbutt, Sir T. C. 1, 231, 241, 254, 270
Allen, 182
—— A. F. 136
—— A. W. 151, 154, 174
—— C. C. 72
—— C. E. 83
—— C. J. 52
—— G. T. 52
—— H. 87, 153
—— H. S. 96
—— J. P. 61
—— R. G. 114
—— R. W. 255, 288
Alleyne, S. F. 8
Allingham, H. W. 261
—— W. 162, 181
Allison, A. 237, 238
Allman, G. J. 21
Allmand, A. J. 128
Allsop, F. C. 115, 116, 117, 119
—— R. O. 57
Alport, A. C. 245
Amar, J. 310
Name Index.

Amedeo, M. R. 77
Ami, H. M. 178
Amos, P. A. 130
— S. 1
Anderson, D. E. 236
— H. G. 255
— Sir J. 43
— J. W. 164
— T. 167
— Sir W. 81
Andés, L. E. 139, 141, 148
Andrew, R. C. 211
Andrewes, Sir F. W. 229, 257, 262
Andrews, E. R. 143
— E. S. 27, 40, 42, 43, 44, 50, 66, 67, 72, 81, 107
— H. R. 277
— S. T. G. 93
— T. 21
Angles, J. W. 33
Anglin, S. 40
Ansted, A. 181
Appelt, A. 252
Appleton, H. A. 141
A. R. B. 52, 83
Arber, A. 198
— E. A. N. 170, 205
Archibald, R. C. 34
— R. D. 112
Archimedes 3, 22
Aristotle 6
Arkwright, J. A. 245
— J. P. 64
Armand-Delille, P. 245
Armitage, F. P. 122
Armstead, H. W. 224
Armstrong, E. F. 130
— H. E. 1.
— H. G. 245
— S. F. 212
— W. E. M. 288
Arnall, 52
Arnold, E. V. 6
— H. T. 180
— J. O. 156
— R. B. 8
Arrhenius, S. 134
Arrol, Sir W. and Co. 49
Arthur, D. 104
Arup, P. S. 132
Arvedson, J. 287
Asch, D. 149
— W. 149
Ash, E. 251
Ashby, A. W. 214
Ashby, H. t 225
— H. T. 279
Ashcroft, H. J. 64
Ashdown, A. M. 294
Ashenhurst, T. R. 300
Ashford, C. E. 112
Ashton, W. 169
Askling, C. W. 87
Askwith, E. H. 30, 32
Assheton, R. 222, 223
Aston, W. G. 80, 92
Attack, F. W. 125, 147
Atcherley, L. W. 49
Atherton, W. H. 44, 70
Atkins, E. A. 77
— W. 119
— W. R. G. 201
Atkinson, E. H. De V. 23
— G. F. 198
— J. C. 192
— S. B. 237
Attwood, E. L. 70, 71
Audley, J. A. 149
Auerbach, S. 252
Aughtie, H. 42, 74
Auld, S. J. M. 133, 213
Austen, E. F. 229, 287
— Sir W. C. R. 153
Austin, F. 117
Avanzini, 92
Avebury, Lord, 4, 167, 187, 197, 198
201
Aveling, F. 8
Avery, A. H. 113
— M. 252
"Avion." 92
Axenfeld, T. 260
Ayling, R. S. 63, 234
Ayre, A. L. 70
Ayrton, W. E. 109
Babbage, C. 37
Babinski, J. 252
Back, I. 260
Bacon, G. 91
— R. 2, 3
Badger, F. E. G. 53
Badham, M. D. 204
Bagnall, J. E. 204
Bahr, P. H. 236
Bailey, G. C. 91
— G. H. 122, 133
Baillie, J. B. 10
— T. C. 109
Bain, A. 13, 15
Bainbridge, F. A. 225
Baines, A. E. 17, 201
Baird, E. W. 227
Baird, L. 91, 92

320
Name Index.

Baker, G. S. 70
— H. F. 21, 23
— J. G. 205
— J. L. 137
— R. T. 205
— T. 50
— T. T. 104, 119, 132
— W. M. 25, 28, 30, 32, 36, 40
Bald, C. 218
Baldrey, F. S. H. 296
Baldwin, J. M. 9, 15
Bale, M. P. 56, 73, 77, 84, 87
Bales, T. 62
Balfour, A. 258
— F. M. 222
— I. B. 170, 190, 201, 202, 203, 204
Balfour-Browne, F. 187
Ball, Sir C. B. 257
— J. D. W. 66
— Sir R. S. 39, 40, 56, 159, 160, 167
— W. P. 193
— W. V. 50
— W. W. R. 21, 22
Ballance, Sir C. A. 251, 265
Ballantyne, A. J. 254, 269
— J. W. 222, 241, 275, 276
Ballard, E. F. 253
— F. 66
— P. B. 15, 17
— W. E. 62
Ballet, G. 252
Ballin, M. J. 274
Balls, W. L. 218, 297
Balsillie, D. 9
Baly, E. C. C. 127
Bamford, H. 44
Bandelier, B. 249, 288
Bangay, R. D. 120
Banham, G. A. 296
Banister, J. B. 277
Banks, H. S. 264
Bannatyne, G. A. 249
Barber, T. W. 49, 72
Barbour, A. H. F. 276, 277
— W. 150
Barclay, A. E. 105
— H. C. 225
— R. M. 253, 277
— W. R. 118
Barcroft, D. M. 265
— J. 226, 241
Bardswell, N. D. 249, 288
Barger, G. 132
Barham, G. B. 116
Barker, A. 218
Barker, A. E. 258
— A. F. 297, 300, 301
— A. H. 28, 47, 142
— Sir D. W. 181, 182
— E. R. 114
Barlow, 37
— C. W. C. 106, 159
— G. 96
— W. S. L. 239, 240
Barnaby, S. W. 70, 85
Barnard, F. P. 4
— H. C. 176
— H. L. 265
— J. E. 106
— R. J. A. 40
— S. 25, 30
Barnes, A. A. 53
Barnett, E. de B. 130, 131, 145, 146, 150
— H. N. 237, 252, 260
Barr, J. R. 112
— W. 289
Barrett, C. G. 187
— E. G. 75, 77
— Sir J. W. 231
Barritt, A. 283
— W. 283
Barron, P. A. 80
Barrow, I. 21
Barrowcliff, M. 151
Barker, S. 64
Barthel, C. 215
Bartlett, F. C. 13
Barton, E. H. 40, 42, 102
— F. T. 216, 296
— G. A. H. 262
Barwell, H. 274
— R. 268
Barwise, S. 57
Basset, A. 249
— A. B. 29
Bassett, H. L. 122
Bastin, H. 187, 204
Bate, A. H. 112
Bateman, H. 20, 100
Bater, C. H. 137
Baterden, J. R. 208
Bates, A. 68
— E. L. 24, 33, 42
Bateson, W. 193
Batey, J. 84, 310
Bath, W. H. 187
Batstone, S. C. 117
Batten, F. E. 280
Battle, J. R. 74
— W. H. 258, 265
Bauer, G. 85, 89
Name Index.

Bauer, H. 122  
Bausor, H. W. 122, 125, 133, 134  
Baxandall, G. A. 33  
Bayley, R. C. 307  
— T. 125  
Bayliss, W. M. 195, 225, 227, 287  
Bayly, H. W. 246  
Beacall, T. 147  
Beadle, C. 142, 148  
Beale, Sir W. P. 164  
Bean, W. J. 205  
Becar, W. E. 217  
Bearc, J. I. 6  
— T. H. 40  
Beardmore, N. 53  
Beattie, J. C. 162  
— J. M. 239, 240, 260  
Beatty, J. 227  
Beaumont, R. 299, 300  
— W. M. 271  
— W. W. 118  
Beavan, R. 191  
Beazeley, A. 52, 55  
Beazley C. R. 175  
Beck, E. G. 67  
Beddard, A. P. 226  
— F. E. 185, 190, 198  
Beddoes, T. P. 291  
— W. F. 208  
Bedford, C. H. 239  
— E. J. 307  
Beech, F. 209  
Beesly, L. 221  
Becson, F. T. 307  
Begg, C. 236  
Bell, G. J. 44  
— J. 119, 196  
— R. 248  
— R. J. T. 30, 82  
— T. F. 298  
— W. B. 228, 265, 275  
Bellamy, E. 221  
Bellasis, E. S. 53, 55  
Bellot, H. H. L. 172  
Bellow, H. R. 149  
Benenden, P. J. 190  
Benett, W. 11  
Bengough, G. D. 133, 154  
Benham, F. L. 257  
Benn, A. W. 4, 6  
Bennett, A. 203  
— A. G. D. 254, 267  
— A. H. 231  
— H. G. 149  
— H. W. 307  
— N. G. 283  
— R. R. 291  
Bennett, S. B. 57  
— W. 193  
Bennie, A. B. 268  
— P. B. 268  
Benson, S. F. 93  
Bentham, G. 3, 198, 205  
Bentley, W. 72, 75  
Bergson, H. 9, 10  
Beringer, C. 156  
— J. J. 156  
Berkart, J. B. 255  
Berkeley, 10  
— C. 275, 276  
— H. 22  
— H. R. 151  
— M. J. 204, 205  
Bernard, D. H. 182  
— H. M. 224  
Bernstein, 15  
Bernthoenn, A. 131  
Bertriman, A. E. 79, 92  
Berry, A. 159  
— A. G. V. 144  
— A. J. 134, 162  
— G. A. 269  
— G. G. 7  
— R. J. A. 221  
— W. H. 91  
Bersch, J. 141, 146  
Bertelot, M. 150  
Bertrand, G. 134  
Besant, W. II. 29, 40, 42  
Bevan, E. J. 135, 148  
— J. O. 6  
Beveridge, W. W. O. 232  
Bevis, A. W. 47  
— J. F. 198  
Beyer, O. W. 18  
Beyschlag, F. 165  
Bianchi, L. 253  
Bichel, C. E. 150  
Bickford, J. S. V. 70  
Biddulph-Smith, T. 145  
Bidgood, J. 184  
Bidweil, A. L. 265  
— L. A. 268  
Biedermann, F. A. 113  
— W. 227  
Bigelow, M. A. 184  
Biggs, G. S. 257  
— R. H. 268  
Biggs, G. N. 273  
Bigwood, G. 297  
Biles, Sir J. H. 70  
Billington, W. 257  
Binet, A. 15, 19, 280  
Binnie, Sir A. R. 56
Name Index.

Binnie, F. G. 288  
Binns, C. F. 149  
Binstead, H. E. 64  
Bird, C. 166  
—— H. 49  
Birks, F. 60  
Birnbaum, R. 276  
Bishop, E. S. 258, 263  
—— L. F. 254  
Bjorkegren, M. E. 224  
Björling, P. R. 56, 72, 146  
Black, J. 3  
Blackburn, C. J. 91  
Blacker, G. 276  
Blackhall-Morison, A. 254  
Blackham, R. J. 236  
Blackmur, W. J. 77  
Blackwood, W. 299  
Blagrove, G. H. 62  
Blaine, R. G. 28, 37, 56  
Blair, C. 271  
Blake, A. J. J. 221, 224  
—— E. 120  
—— E. G. 62  
—— E. H. 57  
—— W. J. 94  
Blanc, L. 289  
Blanco, A. E. 301  
Bland, N. 300  
Bland-Sutton, Sir J. 260, 267, 275  
Blanford, H. F. 162  
Bligh, S. M. 15  
—— W. G. 49  
Bloch, I. 228  
—— L. 59  
Blockidge, E. W. 70  
Blok, A. 59  
Blomfield, J. 262  
Blount, B. 66, 136  
Bloxam, A. G. 122, 136  
Blum, V. 258  
Blyth, A. W. 285, 288  
—— M. W. 285, 288  
Blythe, E. 109  
Böcher, M. 28  
Böckmann, F. 151  
Bodmer, G. R. 56  
Boeiter, W. R. 184  
Bohle, F. 113, 117  
Bolam, J. 282  
Boldt, J. 270  
Bolton, E. R. 139  
—— J. S. 252, 256  
Bon, G. Le. 20, 103  
Bonacina, L. C. W. 162  
Bonar, J. 6  
Bone, W. A. 144  
Bonhote, J. L. 192  
Bonner, J. 308  
Bonney, G. E. 115, 118  
—— S. G. 168  
—— T. G. 167, 168  
—— V. 275, 276  
Bonnier, G. 198  
Boodle, L. A. 203  
Booth, N. 301  
—— W. H. 57, 83, 142, 143  
Boraston, J. M. 192  
Borchardt, W. G. 25, 34, 36, 40  
Borradaile, L. A. 186  
Bos, J. R. 214  
Bosanquet, B. 9, 11, 12, 13  
—— W. C. 240, 243, 256, 257  
Bose, Sir J. C. 199, 201, 227  
Boswell, P. G. H. 169  
Bosworth, G. F. 211  
Bottler, M. 150  
Bottomley, J. T. 37  
Bottone, A. E. 111  
—— S. R. 111, 115, 117, 118, 120  
Boulenger, G. A. 191, 192  
Boulger, G. S. 198, 206, 208  
—— P. S. 203  
Bouinnois, H. P. 52, 58  
Boulton, 4  
—— B. C. 64  
Boulvin, M. J. 81  
Bourcart, E. 152  
Bourgeois, H. 273  
Bourget, J. 265  
Bourne, A. A. 25, 30, 36  
—— A. W. 277  
—— G. C. 224  
Bourry, E. 65  
Bousfield, E. C. 308  
—— G. 208  
—— P. 10  
Boutroux, E. 6  
Bowden-Smith, E. C. 56, 84  
Bower, C. O. 157  
—— F. O. 2, 189, 202, 228  
—— W. R. 96  
Bowers, R. S. 47, 64  
Bowie, P. G. 67  
Bowker, W. R. 111, 117  
Bowlby, Sir A. A. 262  
Bowley, A. L. 22, 38  
Bowing, G. S. 30  
Boman, F. H. 297  
Box, C. R. 221, 239  
—— T. 43, 53  
Boyce, Sir R. W. 236, 248  
Boycott, G. W. M. 71  
Boyd, J. 208
Name Index.

Boyle, H. E. G. 262
Boys, C. V. 72, 100
Brace, T. S. 308
Brackenbury, L. 15
Bradbury, F. 218, 301
Bradby, M. K. 18, 19
Bradley, F. A. 56
— F. H. 9
— O. C. 102, 295
Bragg, Sir W. H. 103, 105, 164
— W. L. 164
Bragstad, O. S. 114
Braham, F. 218
Braynwaite, A. 308
Brane, J. S. S. 123, 148
Bramley-Moore, S. 79
Brand, A. 302
— A. T. 243
Brandis, Sir D. 208
Brannon, B. 22
Branson, W. P. S. 230
Brassey, 70
Braun, J. 289
— M. 248
Braune, W. 221
Brearley, A. W. 157
— H. 157
— J. H. 145
Breitland, W. J. 128
Brenner, A. G. 88
Brenchley, W. E. 202, 212
Brend, W. A. 237, 238
Brent, C. 182
Bresslau, E. 193
Brett, G. S. 15
Brew, W. 114
Brewer, R. W. A. 79
Brewerton, E. W. 269
Brickdale, J. M. F. 245, 292, 298, 294
Bridge, R. S. 176
Bridger, A. E. 15
Bridges, J. H. 2
Briggs, F. W. 146
— H. 50
— W. 1, 25, 26, 32, 33, 34, 39, 40, 42, 122, 133, 134
Brigham, A. A. 216
Bright, C. 91
— T. 214
Brightmore, A. W. 49, 57
Brill, A. A. 19
Brindley, 8
Brinton, R. S. 302
Briscoe, H. V. A. 129
Brislee, F. J. 143
Bristow, W. R. 267
Bristowe, J. S. 241, 251
Britten, F. J. 78
Broad, C. D. 9
Broadbent, F. 111
— Sir J. F. H. 254
— W. 251
— Sir W. H. 231, 254
Broadfoot, S. K. 111
Broca, A. 266, 267
Brockbank, E. M. 237, 254, 255, 279
Brodetsky, S. 24
Brodie, C. G. 221
Bromley, H. A. 148, 305
Brook, J. 45
.Brooke, G. E. 232, 258
— H. B. 252
— T. 145
Brooker, A. 107
Brooks, F. E. 106, 117
— G. 89
— L. 178
Brooksmith, J. 36
Brose, H. L. 104
Brouardel, P. 237
Brough, B. H. 50
— J. W. 172
Broughton, H. H. 74
Broun, A. F. 208
Brown, 182
— A. 298
— A. J. 137
— C. 162
— C. H. 181
— E. 218
— E. T. 215
— E. W. 1, 160
— G. E. 307
— Sir H. 55
— H. 218, 290
— J. C. 122, 183
— J. D. 305
— J. R. 182
— L. C. 219
— R. N. R. 176
— S. E. 96
— S. W. 120
— W. 17
— W. C. 245, 258
— W. L. 158, 225, 251, 285
— W. N. 68, 75
Brown, A. J. J. 168, 169
— C. L. 72
— E. A. 283
— F. B. 187
— H. S. 262
— T. G. 295
Browning, C. H. 229, 246
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brownlie, T. A. 55</td>
</tr>
<tr>
<td>Brubaker, A. P. 225, 226</td>
</tr>
<tr>
<td>Bruce, B. J. 123</td>
</tr>
<tr>
<td>—— Sir D. 246</td>
</tr>
<tr>
<td>—— G. R. 85</td>
</tr>
<tr>
<td>—— J. M. 285</td>
</tr>
<tr>
<td>—— O. 249</td>
</tr>
<tr>
<td>—— W. 252</td>
</tr>
<tr>
<td>—— W. I. 105</td>
</tr>
<tr>
<td>Bruck, W. F. 212</td>
</tr>
<tr>
<td>Bruges, C. E. 58</td>
</tr>
<tr>
<td>Brunings, W. 274</td>
</tr>
<tr>
<td>Brunner, R. 139</td>
</tr>
<tr>
<td>Brunet, D. 15</td>
</tr>
<tr>
<td>Brunton, Sir T. L. 254, 256</td>
</tr>
<tr>
<td>Bryan, G. H. 25, 26, 31, 32, 34, 39, 40, 42, 92</td>
</tr>
<tr>
<td>—— M. T. 294</td>
</tr>
<tr>
<td>Bryant, V. S. 123, 176</td>
</tr>
<tr>
<td>—— W. W. 2</td>
</tr>
<tr>
<td>Bryce, A. 257</td>
</tr>
<tr>
<td>—— T. H. 222</td>
</tr>
<tr>
<td>Bryson, T. 50</td>
</tr>
<tr>
<td>Buchanan, A. M. 221</td>
</tr>
<tr>
<td>—— E. E. 37</td>
</tr>
<tr>
<td>—— J. F. 154, 157</td>
</tr>
<tr>
<td>—— J. Y. 96</td>
</tr>
<tr>
<td>—— R. J. M. 237</td>
</tr>
<tr>
<td>Buck, P. C. 103</td>
</tr>
<tr>
<td>—— R. C. 26, 34</td>
</tr>
<tr>
<td>Buckley, R. B. 55</td>
</tr>
<tr>
<td>Buckmaster, G. A. 225, 241</td>
</tr>
<tr>
<td>Bucknill, J. C. 237</td>
</tr>
<tr>
<td>Buckton, G. B. 187</td>
</tr>
<tr>
<td>Budden, E. 80</td>
</tr>
<tr>
<td>Budge, Sir E. A. W. 231</td>
</tr>
<tr>
<td>Buhler, F. A. 136</td>
</tr>
<tr>
<td>Bull, J. 278</td>
</tr>
<tr>
<td>Buller, A. H. R. 204</td>
</tr>
<tr>
<td>Bullock, A. B. 11</td>
</tr>
<tr>
<td>—— J. E. 249</td>
</tr>
<tr>
<td>—— W. 208</td>
</tr>
<tr>
<td>Bulman, H. F. 172</td>
</tr>
<tr>
<td>Bunting, W. L. 178</td>
</tr>
<tr>
<td>Burbury, S. H. 100</td>
</tr>
<tr>
<td>Burch, G. J. 101</td>
</tr>
<tr>
<td>Burchett, R. 30</td>
</tr>
<tr>
<td>Burdett, M. I. 291</td>
</tr>
<tr>
<td>Burghard, F. F. 260, 261, 263, 264, 265</td>
</tr>
<tr>
<td>Burke, E. T. 246</td>
</tr>
<tr>
<td>Burleigh, D. H. 183</td>
</tr>
<tr>
<td>Burley, G. W. 75</td>
</tr>
<tr>
<td>Burls, G. A. 88, 94</td>
</tr>
<tr>
<td>Burnet, E. 229</td>
</tr>
<tr>
<td>—— J. 6, 243, 280, 284, 286</td>
</tr>
<tr>
<td>—— Sir R. W. 286</td>
</tr>
<tr>
<td>Burnford, J. M. 240</td>
</tr>
<tr>
<td>Burnham, F. W. E. 241</td>
</tr>
<tr>
<td>—— G. H. 272</td>
</tr>
<tr>
<td>—— M. H. 171</td>
</tr>
<tr>
<td>Burns, C. D. 6</td>
</tr>
<tr>
<td>—— D. 172, 173</td>
</tr>
<tr>
<td>—— G. J. 61</td>
</tr>
<tr>
<td>Burnside, W. 27, 49</td>
</tr>
<tr>
<td>—— W. S. 26</td>
</tr>
<tr>
<td>Burrell, B. A. 235</td>
</tr>
<tr>
<td>—— E. J. 61</td>
</tr>
<tr>
<td>Bursill, A. 116</td>
</tr>
<tr>
<td>Burstall, F. W. 88, 100</td>
</tr>
<tr>
<td>Burton, E. F. 128</td>
</tr>
<tr>
<td>—— F. G. 310, 311</td>
</tr>
<tr>
<td>—— W. K. 56</td>
</tr>
<tr>
<td>Burton-Fanning, F. W. 249</td>
</tr>
<tr>
<td>Bury, J. 243</td>
</tr>
<tr>
<td>—— J. B. 9</td>
</tr>
<tr>
<td>Busquet, R. 53</td>
</tr>
<tr>
<td>Butcher, W. D. 227</td>
</tr>
<tr>
<td>Butler, D. B. 66</td>
</tr>
<tr>
<td>—— E. 54, 73, 79, 87, 143</td>
</tr>
<tr>
<td>—— E. A. 187</td>
</tr>
<tr>
<td>—— E. J. 212</td>
</tr>
<tr>
<td>—— H. J. 79</td>
</tr>
<tr>
<td>Butler-Jones, F. 137</td>
</tr>
<tr>
<td>Buttel-Reepen, H. 197</td>
</tr>
<tr>
<td>Butterfield, W. J. A. 143</td>
</tr>
<tr>
<td>Butterworth, F. 85</td>
</tr>
<tr>
<td>Buxton, D. W. 262</td>
</tr>
<tr>
<td>—— J. L. D. 283</td>
</tr>
<tr>
<td>Buzzard, E. F. 252, 285</td>
</tr>
<tr>
<td>Byam, W. 244</td>
</tr>
<tr>
<td>Byles, C. B. 52</td>
</tr>
<tr>
<td>Byrom, T. H. 145, 171</td>
</tr>
<tr>
<td>Bythew, W. J. S. 105</td>
</tr>
<tr>
<td>Cadbury, G. 68</td>
</tr>
<tr>
<td>Cadiot, P. J. 295</td>
</tr>
<tr>
<td>Cahen, E. 165</td>
</tr>
<tr>
<td>Cain, J. C. 123, 124, 146, 147</td>
</tr>
<tr>
<td>Caird, F. M. 260</td>
</tr>
<tr>
<td>—— W. J. 181</td>
</tr>
<tr>
<td>Calcare. 66</td>
</tr>
<tr>
<td>Caldecott, W. A. 155</td>
</tr>
<tr>
<td>Calder, A. B. 277</td>
</tr>
<tr>
<td>Cadwell, W. 9</td>
</tr>
<tr>
<td>Caliscia, L. 117</td>
</tr>
<tr>
<td>Callan, T. 146</td>
</tr>
<tr>
<td>Callendar, H. L. 81, 84, 99</td>
</tr>
<tr>
<td>Calmette, A. 287</td>
</tr>
<tr>
<td>Calot, F. 267</td>
</tr>
<tr>
<td>Calthrop, E. R. 55</td>
</tr>
<tr>
<td>Calvert, A. F. 151, 165, 169</td>
</tr>
<tr>
<td>—— G. T. 151</td>
</tr>
<tr>
<td>—— H. T. 58, 122, 137</td>
</tr>
<tr>
<td>Calwell, W. 285</td>
</tr>
</tbody>
</table>
Name Index.

"Cambridge Graduates." 2
Cameron, C. A. 213
— H. C. 279, 280
— S. J. 275
Camm, F. J. 75, 93
— S. 93
Cambridge, P. J. 239, 257, 266, 286
Campbell, Miss A. 279
— A. 143, 144
— A. W. 239
— H. 240
— H. J. 184, 226
— H. Y. 278
— J. E. 27
— M. 226
— N. R. 96, 106
Campin, F. 72
Camus, J. 287
"Candidus." 79
Candolle, A. de. 202
Candy, H. C. H. 96, 125, 132
Cannons, H. G. T. 305
Cantell, M. T. 66
Cantrill, T. C. 172
Capito, C. A. A. 39
Capstick, J. W. 103
Card, S. F. 94, 180
Carey, A. E. 52, 55
— F. S. 28
Cargill, L. V. 262
Carless, A. 261
Carling, E. R. 262
Carnegie, D. 124, 153
Carpenter, A. 182
— G. 247
— G. H. 187
— J. A. 123
— W. B. 196
— W. L. 140
Carpmael, H. 110
Carr, F. H. 151
— H. W. 9, 104
Carrel, A. 285
Carroll, J. A. 255
— J. H. 244
Carruthers, T. 239
Carslaw, H. S. 28, 34, 35
Carson, H. W. 262
Carter, A. H. 242
— E. E. 302
— H. G. 205
— H. R. 297, 298, 299, 300, 307
— T. 114
Case, J. 81, 112
Caspari, W. A. 142
Cassidy, L. 246
— M. F. 258
Castell-Evans, J. 125
Castellani, A. 258
Castle, F. 24, 36, 37, 47
— W. F. 287
Catchpool, E. 103
Catheart, C. W. 77, 260, 267
— E. P. 134
Caton, R. 254
Count, G. W. 28, 52
Cavanagh, F. 232
Cave, C. J. P. 102
Caven, R. M. 126, 129, 133
Cavendish, H. 106
Cavers, F. 108, 202
Cayley, A. 21
Chadwick, O. 51
Chalkley, A. P. 88, 89
Challenger, F. 144, 147
Chalmers, A. J. 258
— J. A. 173
— J. B. 44
— T. W. 45, 140, 148
Chamberlain, A. 193
— J. 300
Chamberlin, T. C. 166
Chambers, G. F. 159, 160
— G. M. 50
Chance, E. J. 263
Chandley, C. 146
Channer, C. C. 302
Chaplin, A. 244, 250
Chapman, A. C. 137
— A. E. 175
— E. H. 162
— J. E. 249
— R. W. 159
— S. J. 297
Chappell, 37
Charlesworth, F. 24, 33, 42,
Charleton, A. G. 173
Charnock, G. F. 72
Charpentier, P. 208
Charteris, F. J. 242
— M. 242
Chatley, H. 45, 49, 53, 56, 92, 162
Chatterton, F. 62
Chavasse, P. H. 278
Cheveretef, A. 203
Cheshire, F. R. 216
Cheyne, Sir W. W. 249, 260
Child, H. 271, 285
— J. M. 25, 30, 35
Child, C. P. 268
Chisholm, G. C. 176, 177
— J. 57
Chivers, G. T. 34
Cholmeley, H. P. 281
<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chope, R. H.</td>
<td>37</td>
</tr>
<tr>
<td>Choyce, C. C.</td>
<td>260</td>
</tr>
<tr>
<td>Chree, C.</td>
<td>162</td>
</tr>
<tr>
<td>Christian, M.</td>
<td>139</td>
</tr>
<tr>
<td>Christiansen, C.</td>
<td>97</td>
</tr>
<tr>
<td>Christie, A. H.</td>
<td>302</td>
</tr>
<tr>
<td>Christopher, J. E.</td>
<td>145</td>
</tr>
<tr>
<td>Christopherson, W. B.</td>
<td>258, 288, 289</td>
</tr>
<tr>
<td>Christy, C.</td>
<td>142</td>
</tr>
<tr>
<td>Chrysal, G.</td>
<td>26</td>
</tr>
<tr>
<td>Chubbe, C. P. B.</td>
<td>258</td>
</tr>
<tr>
<td>Church, A. H.</td>
<td>123, 141, 198</td>
</tr>
<tr>
<td>Churchill, J. H.</td>
<td>244</td>
</tr>
<tr>
<td>Churchward, A.</td>
<td>197</td>
</tr>
<tr>
<td>Clapham, C. B.</td>
<td>36, 43, 45</td>
</tr>
<tr>
<td></td>
<td>J. H. 297</td>
</tr>
<tr>
<td>Claparède, E.</td>
<td>18</td>
</tr>
<tr>
<td>Clapperton, G.</td>
<td>148</td>
</tr>
<tr>
<td>Clark, A. G.</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>D. K. 52, 72</td>
</tr>
<tr>
<td></td>
<td>H. 259</td>
</tr>
<tr>
<td></td>
<td>H. E. 221</td>
</tr>
<tr>
<td></td>
<td>J. B. 37</td>
</tr>
<tr>
<td></td>
<td>L. 45, 160, 307</td>
</tr>
<tr>
<td>Clarke, A. G.</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td>F. 271</td>
</tr>
<tr>
<td></td>
<td>G. A. 162</td>
</tr>
<tr>
<td></td>
<td>H. 249</td>
</tr>
<tr>
<td></td>
<td>H. T. 131, 132</td>
</tr>
<tr>
<td></td>
<td>J. J. 248, 268</td>
</tr>
<tr>
<td></td>
<td>J. W. 56, 58, 61</td>
</tr>
<tr>
<td></td>
<td>R. F. 13</td>
</tr>
<tr>
<td></td>
<td>W. B. 266</td>
</tr>
<tr>
<td>Clarkson, G. T.</td>
<td>94</td>
</tr>
<tr>
<td></td>
<td>S. S. 136</td>
</tr>
<tr>
<td>Claude, G.</td>
<td>129</td>
</tr>
<tr>
<td>Claxton, W. J.</td>
<td>184</td>
</tr>
<tr>
<td>Clay, A. S.</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>F. 12</td>
</tr>
<tr>
<td></td>
<td>J. 221</td>
</tr>
<tr>
<td></td>
<td>R. S. 100</td>
</tr>
<tr>
<td>Clayton, J. E. L.</td>
<td>235</td>
</tr>
<tr>
<td>Clayton, C. H. J.</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>E. G. 285</td>
</tr>
<tr>
<td></td>
<td>S. C. 53</td>
</tr>
<tr>
<td></td>
<td>W. 140</td>
</tr>
<tr>
<td>Clayton-Greene, W. H.</td>
<td>264</td>
</tr>
<tr>
<td>Cleghorne, W. S. H.</td>
<td>215</td>
</tr>
<tr>
<td>Cleland, E. D.</td>
<td>173</td>
</tr>
<tr>
<td>Clemow, F. G.</td>
<td>236</td>
</tr>
<tr>
<td>Clemensia, W. W.</td>
<td>58, 229</td>
</tr>
<tr>
<td>Clerk, D.</td>
<td>88</td>
</tr>
<tr>
<td>Clibbens, D. A.</td>
<td>127</td>
</tr>
<tr>
<td>Clifford, W. K.</td>
<td>21</td>
</tr>
<tr>
<td>Clinton, W. C.</td>
<td>59, 116</td>
</tr>
<tr>
<td>Clodd, E.</td>
<td>194</td>
</tr>
<tr>
<td>Clough, G. W.</td>
<td>151</td>
</tr>
<tr>
<td>Clough, W. T.</td>
<td>1</td>
</tr>
<tr>
<td>Clouston, Sir T. S.</td>
<td>232, 253</td>
</tr>
<tr>
<td>Clouth, F.</td>
<td>142</td>
</tr>
<tr>
<td>Clowes, F.</td>
<td>100, 123, 133</td>
</tr>
<tr>
<td>Cobb, I. G.</td>
<td>252, 256</td>
</tr>
<tr>
<td>Cobbett, L.</td>
<td>249</td>
</tr>
<tr>
<td>Cochrane, A. W. R.</td>
<td>280</td>
</tr>
<tr>
<td>Cockrell, D.</td>
<td>305</td>
</tr>
<tr>
<td>Cockin, T. H.</td>
<td>172</td>
</tr>
<tr>
<td>Cocking, W. C.</td>
<td>67</td>
</tr>
<tr>
<td>Cocks, O. H.</td>
<td>24</td>
</tr>
<tr>
<td>Cockshott, A.</td>
<td>31</td>
</tr>
<tr>
<td>Codd, L.</td>
<td>126</td>
</tr>
<tr>
<td></td>
<td>M. A. 88, 115</td>
</tr>
<tr>
<td>Coffey, P.</td>
<td>13</td>
</tr>
<tr>
<td>Coghlan, H. L.</td>
<td>218</td>
</tr>
<tr>
<td>Cogle</td>
<td>181</td>
</tr>
<tr>
<td>Cohen, J. B.</td>
<td>124, 131, 143</td>
</tr>
<tr>
<td>Colbeck, E. H.</td>
<td>286</td>
</tr>
<tr>
<td>Coic, G. A. J.</td>
<td>164, 166, 168</td>
</tr>
<tr>
<td></td>
<td>M. J. 196</td>
</tr>
<tr>
<td></td>
<td>R. H. 253</td>
</tr>
<tr>
<td></td>
<td>R. S. 307</td>
</tr>
<tr>
<td></td>
<td>S. W. 134</td>
</tr>
<tr>
<td></td>
<td>W. H. 55</td>
</tr>
<tr>
<td>Coleman, F.</td>
<td>283</td>
</tr>
<tr>
<td></td>
<td>J. B. 128, 133, 213</td>
</tr>
<tr>
<td></td>
<td>P. 32</td>
</tr>
<tr>
<td></td>
<td>T. E. 54, 58, 62, 66</td>
</tr>
<tr>
<td></td>
<td>W. S. 187</td>
</tr>
<tr>
<td>Coles, A. C.</td>
<td>196, 229, 254</td>
</tr>
<tr>
<td>Colledge, L.</td>
<td>273</td>
</tr>
<tr>
<td>Collen, H. L.</td>
<td>178</td>
</tr>
<tr>
<td>Collet, H.</td>
<td>57</td>
</tr>
<tr>
<td>Collie, A.</td>
<td>246</td>
</tr>
<tr>
<td></td>
<td>A. E. 292</td>
</tr>
<tr>
<td></td>
<td>Sir J. 19, 237</td>
</tr>
<tr>
<td>Collin, A.</td>
<td>147</td>
</tr>
<tr>
<td></td>
<td>E. 285</td>
</tr>
<tr>
<td>Collings, E. R.</td>
<td>85</td>
</tr>
<tr>
<td>Collingwood, R. G.</td>
<td>8</td>
</tr>
<tr>
<td>Collins, H. F.</td>
<td>154</td>
</tr>
<tr>
<td></td>
<td>J. H. 165</td>
</tr>
<tr>
<td></td>
<td>S. H. 220</td>
</tr>
<tr>
<td></td>
<td>V. E. 242</td>
</tr>
<tr>
<td>Collis, A. G.</td>
<td>111</td>
</tr>
<tr>
<td></td>
<td>A. J. 259</td>
</tr>
<tr>
<td></td>
<td>F. L. 259</td>
</tr>
<tr>
<td>Collum, R. W.</td>
<td>262</td>
</tr>
<tr>
<td>Coltman-Rogers, C.</td>
<td>208</td>
</tr>
<tr>
<td>Colver, E. de W. S.</td>
<td>150</td>
</tr>
<tr>
<td>Colwell, H. A.</td>
<td>105, 184</td>
</tr>
<tr>
<td>Colyer, F.</td>
<td>56</td>
</tr>
<tr>
<td></td>
<td>Sir J. F. 257, 263, 283</td>
</tr>
<tr>
<td></td>
<td>S. 283</td>
</tr>
<tr>
<td>Compayré, G.</td>
<td>4</td>
</tr>
<tr>
<td>Comrie, J. D.</td>
<td>242</td>
</tr>
</tbody>
</table>
Name Index.

Comrie, P. 36
Connan, J. C. 111
Connor, W. J. 84
Constantine, E. 85
Conway, A. W. 104
—Sir M. 20
Cook, 301
—C. W. 70
—E. T. 208
—J. B. 294
—M. T. 212
—Sir T. A. 12
Cooke, A. 260
—B. W. 53
—J. B. 126
—M. C. 198, 203, 204
—T. 221
Coolidge, J. L. 29, 34
Coombs, C. F. 242
Cooper, A. 257
—C. S. 201
—E. A. 233
—E. S. 145
—I. C. G. 70
—J. W. A. 251
—W. R. 109, 115, 155
Cope, Z. 245, 264
Copeland, E. B. 218
Copeman, S. M. 288
Copestake, B. M. G. 257
Coppock, J. B. 194, 171
Corbett-Smith, A. 257
Corbin, H. E. 97
—T. W. 49, 72
Corder, G. A. 165
Corner, E. M. 257, 258, 261, 265
Cornet, G. 249
Corstorphine, G. S. 169
Costa, B. F. B. Da. 248
Coste, J. F. 142, 143, 146
Cotar, C. 287
Cottam, A. 161
Cotter, J. R. 99
 Cotterill, J. H. 42
Cottrell, H. E. P. 129
Coulthurst, S. L. 308
Coupland, W. C. 10
Cour, J. L. La. 114
Courcoax, Dr. 264
Course, P. R. 120
Courtney, E. 295
Courtois-Suffit. 246
Coutts, H. T. 305
Coux, H. de la. 137
Cow, D. V. 292
Cowen, J. 254
—T. W. 216, 217
Coward, H. F. 125
—T. A. 192
Cowee, G. A. 310
Cowell, W. B. 140
Cowie, G. A. 218
Cowley, W. L. 92
Cox, J. 39, 103
—L. E. 202
—S. H. 165, 171
Coyle, D. 114
Crabtree, H. 45
—J. H. 187, 307
Cracknell, A. G. 24, 26, 31, 37
Craig, E. H. C. 143, 169
—J. 295
—M. 242
—W. 291
Cramer, W. 134, 228
Cramp, W. 112, 113
Crane, W. 305
Crapper, E. H. 113
Crawford, W. J. 40, 81
Crawford, R. 231, 285
Creagh-Osborne, F. 94
Cree, A. 74
Creedy, F. 118
Creighton, C. 248, 249, 276
—J. E. 17
Cremona, L. 32, 40
Cressy, E. 4
Crisle, G. W. 252
Crimp, W. S. 58
Cripps, H. 257, 265
Crisp, F. 196
Crispin, E. S. 258
Crichtell, J. T. 4
Crichtley, H. 287
Croce, B. 9, 11, 12, 13
Crocker, H. R. 284
Crocket, T. 175
Crofton, W. M. 249, 287
Crook, H. E. 289
—T. 165
Crookes, Sir W. 133, 137, 218, 220
Croomshank, F. G. 243
Cross, C. F. 135, 148
—F. 120, 150
—H. E. 296
—H. H. U. 118
—M. I. 196
—W. E. 100
Crossley-Holland, W. 291
Crotch, A. 119
Crow, D. A. 282
Crowley, 233
Crowther, J. A. 2, 97, 103
Crozier, J. B. 6
### Name Index

<table>
<thead>
<tr>
<th>Name</th>
<th>Page(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cruchet, R.</td>
<td>255</td>
</tr>
<tr>
<td>Cryer, T.</td>
<td>42, 47</td>
</tr>
<tr>
<td>Cubitt, H.</td>
<td>63</td>
</tr>
<tr>
<td>Cuff, H. E.</td>
<td>294</td>
</tr>
<tr>
<td>Cullingworth, C. J.</td>
<td>277</td>
</tr>
<tr>
<td>Cullis, C. E.</td>
<td>27</td>
</tr>
<tr>
<td>Cullyer, J.</td>
<td>214</td>
</tr>
<tr>
<td>Culpin, M.</td>
<td>253</td>
</tr>
<tr>
<td>Cumberbatch, E. P.</td>
<td>244, 290</td>
</tr>
<tr>
<td>Cumming, A. C.</td>
<td>124, 134</td>
</tr>
<tr>
<td>D.</td>
<td>304</td>
</tr>
<tr>
<td>L.</td>
<td>106</td>
</tr>
<tr>
<td>Cuming, J.</td>
<td>260, 279</td>
</tr>
<tr>
<td>Cunningham, B.</td>
<td>54, 61</td>
</tr>
<tr>
<td>D. J.</td>
<td>22</td>
</tr>
<tr>
<td>E.</td>
<td>104</td>
</tr>
<tr>
<td>J. T.</td>
<td>187, 191</td>
</tr>
<tr>
<td>Cunnington, C. W.</td>
<td>278</td>
</tr>
<tr>
<td>S.</td>
<td>21</td>
</tr>
<tr>
<td>Cunynghame, H. H.</td>
<td>78</td>
</tr>
<tr>
<td>Curgenven, J. S.</td>
<td>286</td>
</tr>
<tr>
<td>Curr, A. L.</td>
<td>177</td>
</tr>
<tr>
<td>Curry, C. E.</td>
<td>100, 106</td>
</tr>
<tr>
<td>W. T.</td>
<td>56</td>
</tr>
<tr>
<td>Curtis, A. H.</td>
<td>165</td>
</tr>
<tr>
<td>C. E.</td>
<td>208, 214</td>
</tr>
<tr>
<td>Curtler, W. H. R.</td>
<td>215</td>
</tr>
<tr>
<td>Curwen, K. M.</td>
<td>233</td>
</tr>
<tr>
<td>Cushny, A. R.</td>
<td>227, 202</td>
</tr>
<tr>
<td>Cutler, H. A.</td>
<td>52</td>
</tr>
<tr>
<td>Cuyer, E.</td>
<td>224</td>
</tr>
<tr>
<td>Da Costa, B. F. B.</td>
<td>248</td>
</tr>
<tr>
<td>Dahlstrom, K. P.</td>
<td>84</td>
</tr>
<tr>
<td>Dakin, W. J.</td>
<td>186, 190</td>
</tr>
<tr>
<td>Dalby, W. E.</td>
<td>81, 83</td>
</tr>
<tr>
<td>Dale, J. B.</td>
<td>37, 47</td>
</tr>
<tr>
<td>Dales, J. H.</td>
<td>47</td>
</tr>
<tr>
<td>Dallinger, W. H.</td>
<td>196</td>
</tr>
<tr>
<td>Dalton, G.</td>
<td>257</td>
</tr>
<tr>
<td>J.</td>
<td>3</td>
</tr>
<tr>
<td>Dampier-Bennet, A. G.</td>
<td>254, 267</td>
</tr>
<tr>
<td>Dana, C. L.</td>
<td>251</td>
</tr>
<tr>
<td>Danby, A.</td>
<td>169</td>
</tr>
<tr>
<td>Dancaster, E. A.</td>
<td>66, 129</td>
</tr>
<tr>
<td>Dander, M. M.</td>
<td>94</td>
</tr>
<tr>
<td>Daniel, P. L.</td>
<td>240</td>
</tr>
<tr>
<td>Daniels, C. W.</td>
<td>259</td>
</tr>
<tr>
<td>G. W.</td>
<td>297</td>
</tr>
<tr>
<td>Darby, J. C. H.</td>
<td>114</td>
</tr>
<tr>
<td>Darbyshire, H.</td>
<td>75</td>
</tr>
<tr>
<td>D'Arcy, C. F.</td>
<td>11</td>
</tr>
<tr>
<td>Dargon, J.</td>
<td>91</td>
</tr>
<tr>
<td>Darling, C. R.</td>
<td>97, 99</td>
</tr>
<tr>
<td>H. C. R.</td>
<td>233, 263</td>
</tr>
<tr>
<td>Darwin, C.</td>
<td>3, 185, 190, 194, 197, 198, 202</td>
</tr>
<tr>
<td>Sir F.</td>
<td>1, 3, 194, 199, 202</td>
</tr>
<tr>
<td>Darwin, Sir G. H.</td>
<td>1, 160</td>
</tr>
<tr>
<td>Davenport, C.</td>
<td>305</td>
</tr>
<tr>
<td>J. A.</td>
<td>66</td>
</tr>
<tr>
<td>Davey, H.</td>
<td>56</td>
</tr>
<tr>
<td>N.</td>
<td>89</td>
</tr>
<tr>
<td>David, H. E. F.</td>
<td>147</td>
</tr>
<tr>
<td>Davidge, H. T.</td>
<td>109</td>
</tr>
<tr>
<td>Davidson, Sir J. M.</td>
<td>262</td>
</tr>
<tr>
<td>P. W.</td>
<td>78</td>
</tr>
<tr>
<td>Davies, A. M.</td>
<td>170, 187, 283</td>
</tr>
<tr>
<td>B. H.</td>
<td>79</td>
</tr>
<tr>
<td>D.</td>
<td>51</td>
</tr>
<tr>
<td>F. H.</td>
<td>72, 117</td>
</tr>
<tr>
<td>G. M.</td>
<td>165</td>
</tr>
<tr>
<td>G. MacD.</td>
<td>169</td>
</tr>
<tr>
<td>J.</td>
<td>153</td>
</tr>
<tr>
<td>P. J.</td>
<td>58</td>
</tr>
<tr>
<td>S. H.</td>
<td>137</td>
</tr>
<tr>
<td>Davis, A.</td>
<td>3</td>
</tr>
<tr>
<td>C. F. L.</td>
<td>307</td>
</tr>
<tr>
<td>F.</td>
<td>279</td>
</tr>
<tr>
<td>G. B.</td>
<td>58</td>
</tr>
<tr>
<td>H.</td>
<td>284</td>
</tr>
<tr>
<td>H. N.</td>
<td>81</td>
</tr>
<tr>
<td>J. R. A.</td>
<td>199, 202, 211, 212, 214, 215</td>
</tr>
<tr>
<td>R. F.</td>
<td>32</td>
</tr>
<tr>
<td>R. H.</td>
<td>71</td>
</tr>
<tr>
<td>W.</td>
<td>300</td>
</tr>
<tr>
<td>W. A.</td>
<td>132</td>
</tr>
<tr>
<td>W. B.</td>
<td>193</td>
</tr>
<tr>
<td>Davison, C.</td>
<td>26, 28, 30, 32, 35, 167, 233</td>
</tr>
<tr>
<td>Daw, A. W.</td>
<td>74, 172</td>
</tr>
<tr>
<td>S. W.</td>
<td>267</td>
</tr>
<tr>
<td>Z. W.</td>
<td>74, 172</td>
</tr>
<tr>
<td>Dawe, E. A.</td>
<td>305</td>
</tr>
<tr>
<td>Dawson, E. R.</td>
<td>228</td>
</tr>
<tr>
<td>P.</td>
<td>117</td>
</tr>
<tr>
<td>Day, J. R.</td>
<td>249</td>
</tr>
<tr>
<td>Deakin, R.</td>
<td>26, 34</td>
</tr>
<tr>
<td>Dean, A.</td>
<td>61</td>
</tr>
<tr>
<td>Deane, H. E.</td>
<td>287</td>
</tr>
<tr>
<td>P. E.</td>
<td>281</td>
</tr>
<tr>
<td>Deanesly, F.</td>
<td>266</td>
</tr>
<tr>
<td>Deare, B. H.</td>
<td>292</td>
</tr>
<tr>
<td>Dearle, N. B.</td>
<td>1</td>
</tr>
<tr>
<td>De Bary, A.</td>
<td>199, 202</td>
</tr>
<tr>
<td>Deeley, R. M.</td>
<td>74</td>
</tr>
<tr>
<td>Deerr, N.</td>
<td>218</td>
</tr>
<tr>
<td>Dehelly, G.</td>
<td>285</td>
</tr>
<tr>
<td>Delbos, L.</td>
<td>45, 182</td>
</tr>
<tr>
<td>Delille, P. A.</td>
<td>245</td>
</tr>
<tr>
<td>Dell, J. A.</td>
<td>18</td>
</tr>
<tr>
<td>De Martel, T.</td>
<td>265</td>
</tr>
<tr>
<td>De Montmorency, J. E. G.</td>
<td>4</td>
</tr>
<tr>
<td>Dendy, A.</td>
<td>194</td>
</tr>
</tbody>
</table>
Name Index.

Denby, M. 280
Deniker, J. 197
Denning, D. 64
Dennis, H. J. 48
Denny, A. 189
—— C. W. 119
—— G. A. 178
Denton, F. M. 112,113
Depéret, C. 185
Desaît, A. 68
Descartes. 10
Desch, C. H. 66, 156
Despard, L. L. 287
Detmer, W. 202
Deussen, P. 9
Devey, R. G. 116
De Villamari, R. 42, 93, 103
Devillers, R. 92, 94
De Vries, D. 75
—— H. 194
Dewar, Sir J. 102
Dewey, J. 6
De Wulf, M. 6
Dexter, S. G. F. 18
D'Heliecourt, R. 307
Dichmann, C. 157
Dick, J. R. 114
Dickson, A. A. C. 173
—— H. N. 162
—— J. M. 146
—— L. E. 26
—— W. E. 240
Dieterich, K. 141
Dieulafoy, G. 242
Digby, K. H. 288
Digges, J. G. 217
Dighton, C. A. 274
Dilling, W. J. 285
Dimond, L. 244
Diophantus. 22
Diver, E. W. 240
Dixie, A. E. 94
Dixon, A. C. 23
—— A. F. 223
—— C. 192
—— F. E. 50
—— H. H. 202
—— S. G. 229
—— W. E. 293
Dobie, M. L. 287
Dobbin, L. 123, 151
Dobbs, H. J. 30
—— W. J. 24, 39, 40
Dobell, C. 190
Dobertick, W. 37
Dobson, B. 297, 298, 301
Dodd, S. 273
Doddson, J. W. 213
Dollar, J. A. W. 217, 295
Dolmage, C. G. 159
Dominicl, M. 280
Dommett, W. E. 37, 45, 71, 72,79, 88, 94
Domville, E. J. 294
—— Fife, C. W. 71
Don, J. 57, 98, 181
Donald, A. 277
Donaldson, L. 309
—— R. 241
Donecaster, L. 194, 195, 196
Donington, G. C. 123
Donkin, B. 88
—— E. M. 85
—— S. R. 85
Donnan, F. G. 1
Dore, S. E. 289
Dorey, A. 46
Douglas, A. H. 6
—— C. 6
—— C. C. 231
Dover, A. T. 116, 117, 118
Dow, J. S. 50
Downie, J. R. 154
Dowse, T. S. 287
Dowsett, H. M. 120, 121
Dowson, J. E. 143
Doyen, E. 262
Doyle, K. D. 55
Draper, C. H. 99
—— J. W. 4
Dreaper, W. P. 123, 147
Drever, J. 15
Drew, W. H. 31
Dreyer, J. L. E. 159
Driesch, H. 9
Drieffield, V. C. 307
Drinkwater, H. 194
Dron, R. W. 169
Drought, C. W. 245
Drury, G. C. 199, 201 205, 206
Druery, C. T. 205
Drummond, I. M. 184
—— J. 263
—— M. 18, 202, 259
—— W. B. 18, 238, 242, 259, 280
Drury, F. E. 61
Drysdale, C. V. 113, 115
Dubosc, A. 142
Duchêne, E. A. 92
Ducroquet, D. 267
Dудdington, N. A. 10
Dudgeon, G. C. 211
—— L. S. 229
Duerr, G. 299
Name Index.

Duff, C. M.  9
Duly, S. J.  165
Dumbleton, G. E.  94
Dumesny, P.  151
Dumville, B.  18
—  J.  300
Dunbar.  58
Duncan, D.  8
—  F. M.  212, 308
—  J.  39, 42, 81, 97
—  W. G.  173
Dundas Grant, J.  273
Dunk, J. L.  108
Dunckerley, S.  43, 54
Dunkley, W. G.  35, 47, 73
Dunlop, H. C.  37
Dunn, J. T.  1
—  W.  67
Dunncliff, H. B.  123, 130
Durnraven, Earl of.  180
Dunstan, A. F.  1, 123, 127, 131, 144
Dunstan, W. R.  218
Dunton, W. F.  116
Duprat, L.  11
Dupré, A.  129
Dupuy, G. M.  264
Durell, C. V.  30, 31
Durham, H. W.  77
Durrant, J. H.  190
—  R. G.  130
Duthie, A. L.  68, 149
—  J. F.  206
Dutton, T.  242, 256
Duval, P.  264
Dwerryhouse, A. R.  168
Dye, F.  58, 59
—  F. W.  60
Dyer, Sir W. T. T.  205, 206
Dykes, W. R.  199
Dymes, T. A.  190
Dymond, T. S.  218
Dyson, Sir F. W.  159
—  S. S.  136
Eagles, T. H.  31
Ealand, C. A.  187, 196
Earp, J. R.  255
Easdale, W. C.  58
Eason, A. B.  100
Eastlake, A.  144
Eastman, C. R.  170
Eastwood, G. S.  26
Eaton, R. B.  61
Eccles, A. S.  287
—  J. R.  99, 100
—  W. H.  120
—  W. McA.  221, 257, 266
Eck, J.  59, 100
Ecker, A.  102
Eddington, A. S.  104, 160
Ede, G.  153
Eden, T. W.  275, 277
Eder, M. D.  19, 253
Edgar, J.  75
—  J. C.  276
Edgecumbe, K.  115
Edge, F. J.  52
Edmonds, H.  199
Edmonson, T. W.  31, 33
Edmunds, A.  254, 260
Edridge-Green, F. W.  271
Edser, E.  97, 99, 100
Edwardes, E. J.  231
—  Ker, D. R.  213
Edwards, A. T.  260
—  C. A.  153
—  F. S.  257
—  J.  28, 187
Egmont, E.  289
Eichhorn, G.  120
Eiffel, G.  92
Einstein, A.  104
Eisner, A. W.  251, 288
Eisler, M.  154, 174
Ekin, T. C.  54
Elbourne, E. T.  310, 311
Elbs, K.  129
Elder, A. V.  260
—  G.  280
Elderton, E. M.  88, 44
—  W. P.  38
Elgie, J. H.  162
Elliot, M. E. Y.  51
Elliot, A. W. M.  45
Elliot, G. F. S.  197, 199
—  H. S.  194
—  R. H.  269, 270, 271
Elliot, C.  206
—  E. B.  27
—  J. S.  231
Ellis.  221
—  A. G.  111, 113,
—  B. E.  303
—  C. W.  65
—  D.  199, 229
—  E. T.  199
—  G.  47, 64
—  G. S. M.  199
—  H.  228, 233
Ellison, F. O'B.  225
—  M. A.  287
Ellmore, W. P.  218
Elmslie, R. C.  262, 267
Elsden, J. V.  171
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eltringham, H. 188</td>
</tr>
<tr>
<td>Ely, L. W. 249</td>
</tr>
<tr>
<td>Emery, W. D’E. 229, 267, 1288</td>
</tr>
<tr>
<td>Emsley, H. H. 101</td>
</tr>
<tr>
<td>Emtage, W. T. A. 100, 106</td>
</tr>
<tr>
<td>England, W. J. 283</td>
</tr>
<tr>
<td>English, Sir T. C. 285</td>
</tr>
<tr>
<td>Ensoll, R. 125</td>
</tr>
<tr>
<td>Erdmann, J. E. 6</td>
</tr>
<tr>
<td>Eriksson, J. 212</td>
</tr>
<tr>
<td>Ermen, W. F. A. 68</td>
</tr>
<tr>
<td>Ernle, Lord. 215</td>
</tr>
<tr>
<td>Erskine Murray, J. 120</td>
</tr>
<tr>
<td>Esch, W. 142</td>
</tr>
<tr>
<td>Eshner, A. A. 226</td>
</tr>
<tr>
<td>Espin, T. E. 160</td>
</tr>
<tr>
<td>Etchells, E. F. 67</td>
</tr>
<tr>
<td>Etheridge, R. 170</td>
</tr>
<tr>
<td>Facken, R. 9, 11</td>
</tr>
<tr>
<td>Evans, A. 251</td>
</tr>
<tr>
<td>— A. H. 102, 203</td>
</tr>
<tr>
<td>— E. 199</td>
</tr>
<tr>
<td>— E. A. 143</td>
</tr>
<tr>
<td>— E. R. G. R. 180</td>
</tr>
<tr>
<td>— J. C. 125</td>
</tr>
<tr>
<td>— J. W. 164</td>
</tr>
<tr>
<td>— T. J. 33</td>
</tr>
<tr>
<td>— W. 242, 284</td>
</tr>
<tr>
<td>Everest, A. E. 147</td>
</tr>
<tr>
<td>Everett, A. 149</td>
</tr>
<tr>
<td>— J. D. 125, 149</td>
</tr>
<tr>
<td>Everitt, P. F. 308</td>
</tr>
<tr>
<td>Ewart, A. J. 199, 202, 203</td>
</tr>
<tr>
<td>— E. D. 221</td>
</tr>
<tr>
<td>Ewing, Sir J. A. 39, 43, 81, 82, 99, 106</td>
</tr>
<tr>
<td>Eyre, J. W. H. 287</td>
</tr>
<tr>
<td>Faber, H. 214, 218</td>
</tr>
<tr>
<td>— O. 67</td>
</tr>
<tr>
<td>Fabre, J. H. 188</td>
</tr>
<tr>
<td>Fage, A. 93</td>
</tr>
<tr>
<td>Fagge, C. H. 221, 242, 264</td>
</tr>
<tr>
<td>Fairbairn, J. S. 277</td>
</tr>
<tr>
<td>Fairgrieve, J. 175, 177</td>
</tr>
<tr>
<td>Fairie, J. 165</td>
</tr>
<tr>
<td>Fairweather, W. C. 1</td>
</tr>
<tr>
<td>Falconer, J. D. 169</td>
</tr>
<tr>
<td>— W. W. 267</td>
</tr>
<tr>
<td>Falconnet, H. 142</td>
</tr>
<tr>
<td>Fanning, F. W. B. 249</td>
</tr>
<tr>
<td>Fanton, H. B. 191, 248</td>
</tr>
<tr>
<td>Faraday, M. 2, 4</td>
</tr>
<tr>
<td>Farmer, J. B. 199</td>
</tr>
<tr>
<td>Farnsworth, A. W. 67</td>
</tr>
<tr>
<td>Farquharson, R. 285</td>
</tr>
<tr>
<td>Farrar, R. A. 57, 232</td>
</tr>
<tr>
<td>Farrell, F. J. 147</td>
</tr>
<tr>
<td>Farrow, F. R. 62</td>
</tr>
<tr>
<td>Fawcett, C. B. 179</td>
</tr>
<tr>
<td>Fawdry, R. C. 22, 40</td>
</tr>
<tr>
<td>Feldman, W. M. 222, 279</td>
</tr>
<tr>
<td>Felkin, R. W. 200</td>
</tr>
<tr>
<td>Fenchel, A. 283</td>
</tr>
<tr>
<td>Fenton, H. J. H. 123, 127, 133</td>
</tr>
<tr>
<td>Fenwick, B. 276</td>
</tr>
<tr>
<td>— E. H. 257, 258</td>
</tr>
<tr>
<td>— W. S. 256, 267, 280</td>
</tr>
<tr>
<td>Feré, C. 19</td>
</tr>
<tr>
<td>Fergus, F. 272</td>
</tr>
<tr>
<td>Ferguson, R. B. 233</td>
</tr>
<tr>
<td>— T. 51</td>
</tr>
<tr>
<td>— W. B. 307</td>
</tr>
<tr>
<td>Fergusson, F. F. 54</td>
</tr>
<tr>
<td>Fernie, F. 114</td>
</tr>
<tr>
<td>— W. T. 202</td>
</tr>
<tr>
<td>Ferrers, N. M. 30</td>
</tr>
<tr>
<td>Fidler, H. 67</td>
</tr>
<tr>
<td>— T. C. 49, 54</td>
</tr>
<tr>
<td>Field, A. 236</td>
</tr>
<tr>
<td>— E. R. 171</td>
</tr>
<tr>
<td>— Sir M. 183</td>
</tr>
<tr>
<td>— S. 119</td>
</tr>
<tr>
<td>Fielden, J. R. 26</td>
</tr>
<tr>
<td>Fierz-David, H. E. 147</td>
</tr>
<tr>
<td>Fife, C. W. D. 71</td>
</tr>
<tr>
<td>Figgis, J. N. 6</td>
</tr>
<tr>
<td>Fildes, P. 247</td>
</tr>
<tr>
<td>Filon, L. N. G. 32</td>
</tr>
<tr>
<td>Finch, R. J. 177</td>
</tr>
<tr>
<td>Findlay, A. 127, 130, 136, 145</td>
</tr>
<tr>
<td>— L. 247</td>
</tr>
<tr>
<td>Finn, M. 106</td>
</tr>
<tr>
<td>Finzi, N. S. 259</td>
</tr>
<tr>
<td>Firth, J. B. 125, 127</td>
</tr>
<tr>
<td>— R. H. 233</td>
</tr>
<tr>
<td>Fischer, E. 131, 199</td>
</tr>
<tr>
<td>— F. 187</td>
</tr>
<tr>
<td>Fisher, B. 310</td>
</tr>
<tr>
<td>— G. M. 7</td>
</tr>
<tr>
<td>— H. K. C. 114</td>
</tr>
<tr>
<td>— J. H. 270</td>
</tr>
<tr>
<td>— O. 167</td>
</tr>
<tr>
<td>— W. R. 203</td>
</tr>
<tr>
<td>Fitzgerald, G. F. 106</td>
</tr>
<tr>
<td>— S. 208</td>
</tr>
<tr>
<td>Fitzsimons, F. W. 191</td>
</tr>
<tr>
<td>Fitzwilliams, D. C. L. 261, 264, 294</td>
</tr>
<tr>
<td>Flack, M. 225, 226, 255</td>
</tr>
<tr>
<td>Flattely, F. W. 220</td>
</tr>
<tr>
<td>Fleming, A. P. M. 114, 310</td>
</tr>
<tr>
<td>— G. 295, 296</td>
</tr>
<tr>
<td>— J. A. 108, 106, 114, 119, 120</td>
</tr>
<tr>
<td>— R. A. 242</td>
</tr>
<tr>
<td>Name Index.</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>Fletcher, Sir B. F.</td>
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<td>Fordham, Sir H. G.</td>
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<td>Fordyce, A. D.</td>
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<td>Fortescue, C. L.</td>
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<td>Fortescue-Brickdale, J. M.</td>
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<td>Fox, H. C.</td>
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<td>Fream, W.</td>
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<td>Frederick, R. C.</td>
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<td>Fremont, C.</td>
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<td>French, C. H.</td>
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<td>Frenkel, H. S.</td>
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<td>Fresenius, T. W.</td>
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<td>Fretwell, W. E.</td>
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<td>Freud, S.</td>
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<td>Freudemacher, P. W.</td>
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<td>Freudreich, E. von.</td>
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<td>Freund, I.</td>
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<td>Freundlich, E.</td>
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<td>Freyberger, L.</td>
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<tr>
<td>Freyer, Sir P. J.</td>
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<td>Frier, J. D.</td>
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<td>Friel, A. R.</td>
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<td>Friend, J. N.</td>
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<td>Frith, J.</td>
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<tr>
<td>Fritsch, F. E.</td>
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<td>—— J.</td>
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<tr>
<td>Froment, J.</td>
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<tr>
<td>Frost, P.</td>
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<td>—— W. A.</td>
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<tr>
<td>Fry, G. C.</td>
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<tr>
<td>Fryer, A.</td>
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<tr>
<td>—— P. J.</td>
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<tr>
<td>Fuller, Sir B.</td>
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<tr>
<td>—— B. A. G.</td>
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<tr>
<td>Fullerton, W.</td>
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<tr>
<td>Furneaux, W. S.</td>
</tr>
<tr>
<td>Futures, T. C.</td>
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<tr>
<td>Gabell, D.</td>
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<td>Gabriel, W. M.</td>
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<td>Gadd, H.</td>
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<td>—— H. W.</td>
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<tr>
<td>Gadow, H.</td>
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<tr>
<td>Gage, H. C.</td>
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<tr>
<td>Gairns, J. F.</td>
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<tr>
<td>Gaisford, H.</td>
</tr>
<tr>
<td>Galileo.</td>
</tr>
<tr>
<td>Galloway, J. H.</td>
</tr>
<tr>
<td>Galton, Sir F.</td>
</tr>
</tbody>
</table>
Name Index.

Galwayne, S. 296
Gamble, F. W. 185, 192
— W. 307
Gammon, J. C. 67
Ganswindt, A. 299.
Gant, L. W. 118
Garbe, R. 83
Garcia, A. 312
Garcke, E. 109
Gardiner, C. J. 166
— F. 284
— G. G. 132
— J. S. 180
Gardner, H. B. 262
— P. 4
— W. M. 145, 147
Garlick, A. 18
Garnett, W. 107
Garnsey, H. E. F. 170, 199, 201, 204
Garrard, A. 88
— C. 111
— F. 78
Garratt, H. A. 81
Garrè, C. 265.
Garrett, A. E. 126, 307
— A. fl. 54
Garrod, Sir A. E. 239, 240, 280
Garry, T. G. 286
Garton, W. 290
Gask, G. E. 260
Gaskell, J. F. 245
— W. H. 227
Gaster, L. 59
Gatehouse, F. B. 66
— Gates, P. 75
— R. R. 194
— S. B. 24
Gavronsky, J. O. 229
Gay, A. 111
Geary, H. 217
Geddes, A. E. M. 162
— P. 194, 195, 199
Gee, G. E. 154
— S. J. 248
— W. W. H. 88, 98, 110
Geen, B. 67
Geerligs, H. C. P. 138
Geiger, H. 105
Geikie, Sir A. 166, 167, 168, 176
— J. 166
Gemmell, G. H. 128
Geoghegan, H. 230
George, H. B. 175
Georgi, F. 77
Georgievics, G. 147, 297
Gerhardi, C. H. W. 115
Gerrans, H. T. 41
Ghambashidze, D. 165
Ghon, A. 250
Ghosh, B. N. 202
— R. 292
Gibb, D. 24
Gibbs, G. H. 283
Gibson, A. G. 239, 242
— A. H. 49, 54, 56
— C. R. 1, 109
— G. A. 26, 28, 33, 242, 244
— H. 184
— J. 9
— R. J. H. 200, 202
— W. 169
— W. R. B. 9, 10, 13
Gilbreth, F. 310
Giffen, Sir R. 38
Giles, A. E. 275, 276
Gill, Sir D. 3
— J. 180
— J. F. 109
— N. J. 91
Gillanders, A. T. 188
Gillessie, A. L. 236
Gillett, H. J. 66
Ginsburg, B. W. 182
Giroux, R. 246
Gissing, F. T. 146
Giua, M. 156
Guia-Lollini, C. 156
Gladwyn, S. C. 153
Glaisher, J. W. L. 21
Glaister, J. 233, 234, 237, 238
Glassington, C. W. 283
Glazebrook, Sir R. T. 1, 39, 97, 99,
— 100, 106
Gleichen, A. 101
Glover, E. P. 24
— J. 53
— W. 15
Goadby, K. W. 238
Godfray, H. 150, 160
Godfrey, C. 26, 31, 32, 36, 37
Godlee, Sir R. J. 3, 231
Goebel, K. E. 202
Goerens, P. 156
Golding, A. A. 177
— H. A. 25, 45
Goldsbrough, G. F. 285
Golla, F. 246
Gommerz, T. 7
Goodall, A. 223, 225, 254
— E. W. 245
Gooday, W. E. 144
Goodbody, F. 257
Goodchild, W. 165

334
Name Index.

Goodeve, T. M. 43
Goodfellow, J. 286
Goodhart, Sir J. F. 280
Goodman, J. 43
Goodrich, W. F. 60
Goodwill, S. G. 89
Goodwin, H. B. 35
Gordon, L. S. 214
——— M. H. 229
——— R. A. 214
——— W. 236
Gorst, Sir J. E. 279
Gosse, P. H. 106
Gossin, H. 97
Gottch, O. H. 255
Goudie, W. J. 85, 89
Gould, Sir A. P. 248, 262
——— E. P. 262
Goulding, E. 218
Goulston, A. 254
Gower, A. R. 153
——— H. D. 307
Gowers, Sir W. R. 17, 252, 270
Gowland, W. 155
Grace. 53
——— J. H. 27, 33
Graham, J. 28, 43, 248
——— P. A. 215
——— V. 305
Graham-Smith, G. S. 229, 245, 259
Grahame-White, C. 91
Grandmougin, E. 147
Granger, F. S. 15
Granjon, R. 77
Grant, D. 151
——— F. L. 36
——— H. C. J. 180
——— J. 139
——— J. C. 304
——— J. D. 269, 273
——— J. T. 229
Grasby, W. C. 211
Gray, A. 8, 23, 40, 45, 97, 106
——— A. A. 273
——— F. W. 127
——— H. 221
——— Sir H. W. M. 262, 264
——— J. 84
——— J. G. 40
——— K. J. 270
——— S. O. 203
Greaves, J. 42
Green, A. A. R. 289
——— A. G. 147
——— A. H. 166
——— C. E. 248
——— F. E. 211, 215
Green, F. W. E. 271
——— J. A. 15
——— J. R. 199, 201, 202
——— T. H. 240
Greene, J. A. 148
——— W. H. C. 204
Greenhill, Sir A. G. 23, 42, 92
Greenish, H. G. 235, 292
Greenly, H. 72
Greenstreet, W. J. 2, 11
Greenwell, A. 56, 171
Greenwood, H. C. 146
——— M. 227, 259
——— W. H. 153, 154
——— W. O. 276
Grégoire, R. 264
Gregorius, R. 144
Gregory, E. S. 205
——— J. W. 166, 167, 176, 178
——— Sir R. A. 1, 39, 97, 175, 176
Grew, E. S. 160
Grey, C. G. 94
——— G. W. 62
Gribble, T. G. 51
Grierson, R. 60
Griffiths, A. B. 156, 191, 220, 283
——— A. P. 134
——— E. A. 75
——— E. D. 1
——— E. H. 99
——— F. G. 250
——— H. D. 173
——— W. H. 286
Grimsdale, H. B. 269
Grinslay, J. 242
——— R. 75
Grönvold, H. 193
Groom, P. 199, 203
——— T. R. 77
Gross, E. 219
Grossmann, J. 136, 151
Groth, L. A. 77
——— P. 164
Grove, W. B. 204, 205
Groves, E. W. H. 260, 263, 264, 294
Groves-Showell, P. 180
Grubb, H. C. 63
Gruner, A. 298
——— O. C. 241, 248
Grunwald, J. 73
Guest, J. J. 75
Guillemard, F. H. H. 179
Gullan, M. A. 294
Gulland, G. L. 254
Gulliver, G. H. 155
——— J. H. 12
Gunn, J. 79

335
Name Index.

Gunn, J. A. 10
—— M. 270
Gunther, R. T. 212
Guppy, H. B. 109
Gurden, R. I. 52
Gurney, E. 103
Gurney-Dixon, S. 229
Guthrie, C. C. 261
—— L. G. 280
—— T. 256
Guttentag, W. E. 144
Guttman, O. 150, 172
Gwynne-Vaughan, D. T. 198
H.D.F. 88
Haas, P. 125, 135
Haberlandt, G. 202
Hackwood, R. W. 52
Haddon, A. C. 197
Haddow, A. N. 75
Hadley, H. E. 39, 97, 106
Haeckel, E. 224
Haeder, H. 81, 88
Haenig, A. 75
Haig, H. A. 202
Haggard, Sir R. 211, 215
Haglund, P. 287
Haig, A. 240
Hainbach, R. 149
Hainsworth, C. H. 118
Hake, C. N. 150
—— W. 120
Haldane, E. S. 10
—— J. S. 100, 194; 225
Halden, G. M. 53
Hale, A. J. 128, 129, 131
—— C. W. 233
Hale-White, Sir W. 291
Hall, P. J. 24, 72
Halter, Sir A. D. 211, 213, 217, 220
—— C. A. 196, 200
—— C. J. J. Van. 219
—— H. R. 81
—— H. S. 26, 31, 34, 35, 36
—— J. W. 154, 229
—— T. C. F. 165
—— W. 37, 180
Hallett, G. W. T. 48
Halliburton, W. D. 225, 227, 241
Halan, E. T. 218
Halse, E. 218
Ham, B. B. 237
Hamel, G. 91
Hamer, W. H. 233
Hamilton, C. 310
—— D. J. 255
—— Sir W. R. 23
Hammick, D. L. 103
Hammond, A. R. 189
Hampshire, C. H. 134
Hanby, W. 98
Handy, C. F. 47
Hankin, E. H. 92
Hanna, W. 246
Hannay, A. H. 8
Hansen, C. W. 106
Hansen, J. E. 181
Hanson, C. O. 208
—— S. G. 217
Harbord, F. W. 154
Harby, W. 49
Harcourt, L. F. V. 50, 55, 59
Harden, A. 126, 130, 137
Hardie, R. P. 6
Harding, J. S. 302
—— M. F. 245
Hardman, A. H. 301
Hardwicke, W. W. 270
Hardy, R. 40
—— G. H. 23, 28, 188
—— M. E. 203
Hare, A. T. 116
—— F. 251
Harker, A. 168
Harlott, W. H. T. 138
Harley, V. 257
Harman, N. B. 269
Harmer, Sir S. F. 185
Harold, J. 243
Harper, C. G. 48
—— H. 91, 123
Harrap, C. 304
Harris, D. F. 225, 251
—— G. T. 307
—— J. D. 290
—— P. W. 121
—— W. 251, 290
Harrison, A. 310
—— A. B. 57
—— C. 69
—— F. 282
—— J. 33
—— L. W. 247
—— P. T. 61
Harrow, B. 104
Harston, G. M. 236
Hart, B. 253
—— D. B. 277
—— H. 304
—— J. B. 99
—— J. H. 219
—— J. W. 58, 60
Hart-Smith, J. 129
Hartenburg, P. 252
Hartmann, E. 10

336
Name Index.

Hartmann, R. 193
Hartog, M. 194
Hartridge, G. 270, 271
— H. 226
Harvey, A. 140
— F. W. 24
— W. H. 204, 205
Harvey-Gibson, R. J. 200
Hasbach, W. 215
Haskett, T. H. 217
Haslam, A. P. 109
— G. 192
Hasluck, P. N. 43, 47, 58, 64, 67, 68, 75, 147, 302
Hassard, A. R. 294
— E. M. 294
Haswell, W. A. 186
Hatch, F. H. 164, 168, 169, 171, 173
Hatfield, W. H. 154
Hatschek, E. 128
Hatton, J. L. S. 30, 32
Hausbrand, R. 136
Hausner, A. 139
Havelock, J. H. 116
— T. H. 24
Haviland, G. de. 79
Haward, W. 254
Hawkhead, J. C. 121
Hawkins, C. C. 111, 113
— H. L. 170
— H. P. 257
Hawthorne, C. O. 237
Hay, A. 112, 113
— J. 255
Hayes, R. 247
Hayward, F. H. 15
— J. W. 81
— R. B. 23
— W. R. 206
Haywood, G. 224
Hazell, W. H. 310
Heape, W. 228
Hearn, G. R. 51
Hearson, H. R. 154
Heath, C. 222
— C. J. 274
— F. G. 200, 202
— R. S. 32, 41, 100
— Sir T. L. 8, 22, 34, 159, 161
Heaton, E. W. 177
Heaviside, O. 106
Heawood, E. 175
Hedges, K. 106
Heerman, P. 147
Hegel, G. W. F. 10
Hell, A. 142
Hellbronn, J. M. 126, 131
Hellier, J. B. 279
Hellins, H. H. 57
Heiliger, S. 58
Heimholtz, H. L. F. 103
— H. von. 3
H epsall, W. H. 217
Henderson, A. 30
— G. G. 128, 182
— J. 242, 294
— J. F. 184
— R. 214
— T. 271
— W. D. 184
Hendrick, R. 123
Hennell, T. 54
Henrici, O. 28
Henry, A. 208
— P. 80
— T. A. 135
Henslow, G. 200, 202, 212
Henslowe, L. 94
Henstock, J. 121
Henwood, J. H. 146
Hepburn, W. B. 283
Hepworth, M. W. C. 162
— T. C. 148
Herbert, A. 76
— H. 270
— S. 194, 228
— T. E. 119
Herbertson, A. J. 175, 177, 178
— F. D. 177
Herford, R. O. 310
Héricourt, J. 250
Heriot, T. H. P. 133
Herman, G. E. 275, 277
— R. A. 100
Hernaman-Johnson, F. 287
Herrick, T. P. 304
Herring, H. T. 266
Herring-Shaw, A. 58
Herringham, Sir W. P. 258
Herrmann, G. 56, 74
Herrod-Hempsall, W. 217
Herschel. 3
Herschell, G. 240
Hertwig, O. 228, 226
Hertz, H. 39, 106
Hertxheimer, G. 239
Herz, W. 122
Hertzfeld, J. 300
Hewat, A. F. 239
Hewitt, C. 188, 307
Hewlett, G. 312
— R. T. 184, 229, 240, 285, 288
Heylin, H. B. 298, 301
Heywood, H. 27

387
Name Index.

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hibbert, E.</td>
<td>134</td>
</tr>
<tr>
<td>—— L. J.</td>
<td>307</td>
</tr>
<tr>
<td>—— W.</td>
<td>118</td>
</tr>
<tr>
<td>Hicks, J. A.</td>
<td>144</td>
</tr>
<tr>
<td>—— J. W.</td>
<td>158</td>
</tr>
<tr>
<td>—— W. M.</td>
<td>41</td>
</tr>
<tr>
<td>Hickson, S. J.</td>
<td>101</td>
</tr>
<tr>
<td>Higgins, C.</td>
<td>269</td>
</tr>
<tr>
<td>Higgins, A. L.</td>
<td>51</td>
</tr>
<tr>
<td>—— S. H.</td>
<td>147</td>
</tr>
<tr>
<td>Higgs, G. G.</td>
<td>79</td>
</tr>
<tr>
<td>—— H.</td>
<td>38</td>
</tr>
<tr>
<td>Highton, H. P.</td>
<td>133, 134</td>
</tr>
<tr>
<td>Hildage, H. T.</td>
<td>310</td>
</tr>
<tr>
<td>Hilditch, T. P.</td>
<td>122, 127, 131</td>
</tr>
<tr>
<td>Hilger, W.</td>
<td>290</td>
</tr>
<tr>
<td>Hill, A.</td>
<td>223, 226</td>
</tr>
<tr>
<td>—— A. M.</td>
<td>36</td>
</tr>
<tr>
<td>—— C. W.</td>
<td>73, 74</td>
</tr>
<tr>
<td>—— F. T.</td>
<td>93</td>
</tr>
<tr>
<td>—— J. G.</td>
<td>119</td>
</tr>
<tr>
<td>—— L.</td>
<td>225, 226, 259</td>
</tr>
<tr>
<td>—— M. J. M.</td>
<td>94</td>
</tr>
<tr>
<td>—— T. G.</td>
<td>193</td>
</tr>
<tr>
<td>—— W.</td>
<td>265</td>
</tr>
<tr>
<td>Hiller, E. G.</td>
<td>84</td>
</tr>
<tr>
<td>Hillhouse, W.</td>
<td>201</td>
</tr>
<tr>
<td>Hilliard, H.</td>
<td>283</td>
</tr>
<tr>
<td>Hilton, H.</td>
<td>27, 83, 164</td>
</tr>
<tr>
<td>Hime, H. W. L.</td>
<td>30</td>
</tr>
<tr>
<td>—— T. W.</td>
<td>237</td>
</tr>
<tr>
<td>Hinchley, J. W.</td>
<td>136, 218</td>
</tr>
<tr>
<td>Hind, H. L.</td>
<td>309</td>
</tr>
<tr>
<td>Hindle, E.</td>
<td>259</td>
</tr>
<tr>
<td>Hinks, A. R.</td>
<td>159, 176</td>
</tr>
<tr>
<td>Hinshelwood, J.</td>
<td>269</td>
</tr>
<tr>
<td>Hiorns, A. H.</td>
<td>153, 154, 155, 156</td>
</tr>
<tr>
<td>Hird, D.</td>
<td>194</td>
</tr>
<tr>
<td>—— H. C.</td>
<td>37</td>
</tr>
<tr>
<td>Hirsch, W.</td>
<td>19</td>
</tr>
<tr>
<td>Hirschel, G.</td>
<td>262</td>
</tr>
<tr>
<td>Hjort, J.</td>
<td>183</td>
</tr>
<tr>
<td>Hoare, C.</td>
<td>37</td>
</tr>
<tr>
<td>—— E. W.</td>
<td>295, 296</td>
</tr>
<tr>
<td>Hobart, H. M.</td>
<td>111, 112, 118</td>
</tr>
<tr>
<td>Hobbs</td>
<td>115</td>
</tr>
<tr>
<td>—— F. D.</td>
<td>92</td>
</tr>
<tr>
<td>—— L. M.</td>
<td>81</td>
</tr>
<tr>
<td>Hobday, F. T. G.</td>
<td>262, 295</td>
</tr>
<tr>
<td>Hobhouse, L. T.</td>
<td>7, 10</td>
</tr>
<tr>
<td>Hobkirk, C. P.</td>
<td>205</td>
</tr>
<tr>
<td>Hoblyn, R. D.</td>
<td>242</td>
</tr>
<tr>
<td>Hobson, E. W.</td>
<td>22, 28, 35</td>
</tr>
<tr>
<td>Hodgett, E. A. B.</td>
<td>143</td>
</tr>
<tr>
<td>Hodgins, J. E.</td>
<td>217</td>
</tr>
<tr>
<td>Hodgkinson, W. R.</td>
<td>124</td>
</tr>
<tr>
<td>Hodgson, E. S.</td>
<td>312</td>
</tr>
<tr>
<td>Hodgson, H. H.</td>
<td>152</td>
</tr>
<tr>
<td>—— J. E.</td>
<td>173</td>
</tr>
<tr>
<td>—— J. T.</td>
<td>83, 84</td>
</tr>
<tr>
<td>—— R. B.</td>
<td>75, 77</td>
</tr>
<tr>
<td>—— T. R.</td>
<td>234</td>
</tr>
<tr>
<td>Hodson, F.</td>
<td>1</td>
</tr>
<tr>
<td>Hoernes, H.</td>
<td>95</td>
</tr>
<tr>
<td>Hoffding, H.</td>
<td>7, 15</td>
</tr>
<tr>
<td>Hofmann, E.</td>
<td>188</td>
</tr>
<tr>
<td>Hogarth, C. W.</td>
<td>286</td>
</tr>
<tr>
<td>—— D. G.</td>
<td>178</td>
</tr>
<tr>
<td>Hogben, L. T.</td>
<td>3</td>
</tr>
<tr>
<td>Högner, P.</td>
<td>100</td>
</tr>
<tr>
<td>Holden-Stone, G. d.</td>
<td>79</td>
</tr>
<tr>
<td>Holdich, Sir T.</td>
<td>178</td>
</tr>
<tr>
<td>Hole, W.</td>
<td>146</td>
</tr>
<tr>
<td>Holland, W. C.</td>
<td>291</td>
</tr>
<tr>
<td>Hollander, B.</td>
<td>251, 280</td>
</tr>
<tr>
<td>Holman, H.</td>
<td>15, 18</td>
</tr>
<tr>
<td>Holmes, A.</td>
<td>168</td>
</tr>
<tr>
<td>Holms, A. C.</td>
<td>70</td>
</tr>
<tr>
<td>Holt, F. B.</td>
<td>10</td>
</tr>
<tr>
<td>—— H. G.</td>
<td>68</td>
</tr>
<tr>
<td>—— R. B.</td>
<td>53</td>
</tr>
<tr>
<td>Holt-Butterfield, H.</td>
<td>47</td>
</tr>
<tr>
<td>Holt-Thomas, G.</td>
<td>91</td>
</tr>
<tr>
<td>Holtzmann, O.</td>
<td>312</td>
</tr>
<tr>
<td>Holzwarth, H.</td>
<td>89</td>
</tr>
<tr>
<td>Hood, C.</td>
<td>154</td>
</tr>
<tr>
<td>—— D. W. C.</td>
<td>256, 265</td>
</tr>
<tr>
<td>—— G. F.</td>
<td>123</td>
</tr>
<tr>
<td>—— W. P.</td>
<td>287</td>
</tr>
<tr>
<td>Hooker, Sir J. D.</td>
<td>2, 3, 198, 205, 206</td>
</tr>
<tr>
<td>—— Sir W. J.</td>
<td>3, 205</td>
</tr>
<tr>
<td>Hooper, J.</td>
<td>65</td>
</tr>
<tr>
<td>—— L.</td>
<td>299, 301</td>
</tr>
<tr>
<td>Hooton, W. M.</td>
<td>129, 133</td>
</tr>
<tr>
<td>Hoover, T. J.</td>
<td>174</td>
</tr>
<tr>
<td>Hope, E. W.</td>
<td>233, 234</td>
</tr>
<tr>
<td>—— Sir W. H. St. J.</td>
<td>305</td>
</tr>
<tr>
<td>Hopewell-Smitte, A.</td>
<td>282</td>
</tr>
<tr>
<td>Hopkinson, B.</td>
<td>21, 39</td>
</tr>
<tr>
<td>—— J. 21</td>
<td></td>
</tr>
<tr>
<td>Horder, Sir T. J.</td>
<td>240, 242, 245</td>
</tr>
<tr>
<td>Hornby, J.</td>
<td>145, 146</td>
</tr>
<tr>
<td>Horne, H. P.</td>
<td>305</td>
</tr>
<tr>
<td>Horner, D. W.</td>
<td>163</td>
</tr>
<tr>
<td>—— J. 157, 297</td>
<td></td>
</tr>
<tr>
<td>—— J. G.</td>
<td>72, 73, 74, 75, 76, 77, 84, 312</td>
</tr>
<tr>
<td>Horsley, Sir V.</td>
<td>251</td>
</tr>
<tr>
<td>Hort, E. C.</td>
<td>250</td>
</tr>
<tr>
<td>Horth, A. C.</td>
<td>78</td>
</tr>
<tr>
<td>Horton, C. M.</td>
<td>72</td>
</tr>
<tr>
<td>Horwood, A. R.</td>
<td>200</td>
</tr>
<tr>
<td>Hoskins, G. G.</td>
<td>63</td>
</tr>
<tr>
<td>Name Index</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td></td>
</tr>
<tr>
<td>Hoskins, H. P. 63</td>
<td></td>
</tr>
<tr>
<td>Hoskold, H. D. 50</td>
<td></td>
</tr>
<tr>
<td>Hough, W. S. 6</td>
<td></td>
</tr>
<tr>
<td>Houston, Sir A. C. 57</td>
<td></td>
</tr>
<tr>
<td>Houstoun, R. A. 97, 100</td>
<td></td>
</tr>
<tr>
<td>Hovell, T. M. 274</td>
<td></td>
</tr>
<tr>
<td>Hovenden, F. 25</td>
<td></td>
</tr>
<tr>
<td>Hovestadt, H. 149</td>
<td></td>
</tr>
<tr>
<td>Hoygaard, W. 70</td>
<td></td>
</tr>
<tr>
<td>Howard, A. L. 208</td>
<td></td>
</tr>
<tr>
<td>R. 260, 263</td>
<td></td>
</tr>
<tr>
<td>Howarth, O. J. R. 175, 177, 178</td>
<td></td>
</tr>
<tr>
<td>W. G. 274</td>
<td></td>
</tr>
<tr>
<td>W. J. 235</td>
<td></td>
</tr>
<tr>
<td>Howden, R. 221</td>
<td></td>
</tr>
<tr>
<td>Howe, F. J. O. 114</td>
<td></td>
</tr>
<tr>
<td>J. A. 169, 171</td>
<td></td>
</tr>
<tr>
<td>Howell, C. M. H. 258</td>
<td></td>
</tr>
<tr>
<td>Howes, G. B. 184, 186</td>
<td></td>
</tr>
<tr>
<td>Howorth, J. 149</td>
<td></td>
</tr>
<tr>
<td>Hoyle, B. 121</td>
<td></td>
</tr>
<tr>
<td>Hubbard, E. 151</td>
<td></td>
</tr>
<tr>
<td>T. O'B. 92</td>
<td></td>
</tr>
<tr>
<td>Hubner, J. 147</td>
<td></td>
</tr>
<tr>
<td>Hudson, B. 242</td>
<td></td>
</tr>
<tr>
<td>H. P. 25</td>
<td></td>
</tr>
<tr>
<td>O. F. 154</td>
<td></td>
</tr>
<tr>
<td>R. W. H. T. 30</td>
<td></td>
</tr>
<tr>
<td>W. H. 192</td>
<td></td>
</tr>
<tr>
<td>W. R. H. 36</td>
<td></td>
</tr>
<tr>
<td>Huelin, D. C. 312</td>
<td></td>
</tr>
<tr>
<td>Huggins, G. M. 266</td>
<td></td>
</tr>
<tr>
<td>Hughes, A. J. 180</td>
<td></td>
</tr>
<tr>
<td>A. L. 307</td>
<td></td>
</tr>
<tr>
<td>A. M. 123</td>
<td></td>
</tr>
<tr>
<td>A. W. 222</td>
<td></td>
</tr>
<tr>
<td>B. 264</td>
<td></td>
</tr>
<tr>
<td>E. L. 271</td>
<td></td>
</tr>
<tr>
<td>H. W. 172</td>
<td></td>
</tr>
<tr>
<td>T. H. 176</td>
<td></td>
</tr>
<tr>
<td>V. A. B. 84</td>
<td></td>
</tr>
<tr>
<td>W. 176, 177</td>
<td></td>
</tr>
<tr>
<td>Hull, A. J. 264</td>
<td></td>
</tr>
<tr>
<td>E. 167</td>
<td></td>
</tr>
<tr>
<td>Humber, W. 44</td>
<td></td>
</tr>
<tr>
<td>Hume. 10</td>
<td></td>
</tr>
<tr>
<td>Humpleleys, H. 283</td>
<td></td>
</tr>
<tr>
<td>Humphris, F. H. 290</td>
<td></td>
</tr>
<tr>
<td>Humphry, L. 294</td>
<td></td>
</tr>
<tr>
<td>Humphrys, N. H. 145</td>
<td></td>
</tr>
<tr>
<td>Hunnybun, E. W. 206</td>
<td></td>
</tr>
<tr>
<td>Hunsaker, J. C. 92</td>
<td></td>
</tr>
<tr>
<td>Hunter, A. 49</td>
<td></td>
</tr>
<tr>
<td>C. 283</td>
<td></td>
</tr>
<tr>
<td>G. 256</td>
<td></td>
</tr>
<tr>
<td>Hunt, G. B. 249</td>
<td></td>
</tr>
<tr>
<td>Hunter, H. H. 218</td>
<td></td>
</tr>
<tr>
<td>Hunter, J. 3</td>
<td></td>
</tr>
<tr>
<td>J. A. 301</td>
<td></td>
</tr>
<tr>
<td>W. 3, 254</td>
<td></td>
</tr>
<tr>
<td>W. I. 176</td>
<td></td>
</tr>
<tr>
<td>Huntington, A. K. 153</td>
<td></td>
</tr>
<tr>
<td>Hurd, A. 70</td>
<td></td>
</tr>
<tr>
<td>Hurry, J. B. 252</td>
<td></td>
</tr>
<tr>
<td>Hurst, A. F. 242, 252, 257</td>
<td></td>
</tr>
<tr>
<td>C. 81, 83</td>
<td></td>
</tr>
<tr>
<td>C. H. 186</td>
<td></td>
</tr>
<tr>
<td>G. H. 68, 140, 141, 144, 299</td>
<td></td>
</tr>
<tr>
<td>H. E. 97</td>
<td></td>
</tr>
<tr>
<td>J. T. 50, 61, 63, 64</td>
<td></td>
</tr>
<tr>
<td>J. W. 217</td>
<td></td>
</tr>
<tr>
<td>Hurter, F. 307</td>
<td></td>
</tr>
<tr>
<td>Husband, J. 33, 49</td>
<td></td>
</tr>
<tr>
<td>Huskisson, W. M. 88</td>
<td></td>
</tr>
<tr>
<td>Hutchins, B. L. 310</td>
<td></td>
</tr>
<tr>
<td>Hutchinson, H. N. 170</td>
<td></td>
</tr>
<tr>
<td>J. 286, 252, 261</td>
<td></td>
</tr>
<tr>
<td>R. 226, 244, 250, 285, 286</td>
<td></td>
</tr>
<tr>
<td>R. W. 106, 107, 109</td>
<td></td>
</tr>
<tr>
<td>Hutt, C. W. 233</td>
<td></td>
</tr>
<tr>
<td>Hutton, F. H. 118</td>
<td></td>
</tr>
<tr>
<td>J. F. 310</td>
<td></td>
</tr>
<tr>
<td>R. S. 129</td>
<td></td>
</tr>
<tr>
<td>W. S. 50, 72, 84</td>
<td></td>
</tr>
<tr>
<td>Huxley, J. S. 185</td>
<td></td>
</tr>
<tr>
<td>L. 3</td>
<td></td>
</tr>
<tr>
<td>T. H. 2, 3, 10, 175, 184, 186, 191, 194, 226</td>
<td></td>
</tr>
<tr>
<td>Huygens, C. 101</td>
<td></td>
</tr>
<tr>
<td>Hyatt-Woolf, C. 101</td>
<td></td>
</tr>
<tr>
<td>Hyndman, H. H. F. 105</td>
<td></td>
</tr>
<tr>
<td>Ibbetson, A. 219</td>
<td></td>
</tr>
<tr>
<td>W. J. 24</td>
<td></td>
</tr>
<tr>
<td>W. S. 109, 112, 116, 118, 309</td>
<td></td>
</tr>
<tr>
<td>Ibbetson, F. 156</td>
<td></td>
</tr>
<tr>
<td>Illingworth, S. R. 2</td>
<td></td>
</tr>
<tr>
<td>Imbert, L. 263</td>
<td></td>
</tr>
<tr>
<td>Imms, A. D. 186, 213</td>
<td></td>
</tr>
<tr>
<td>Ince, J. 291</td>
<td></td>
</tr>
<tr>
<td>Iuchley, W. 48, 81, 84</td>
<td></td>
</tr>
<tr>
<td>Ingham, A. E. 73</td>
<td></td>
</tr>
<tr>
<td>Ingle, H. 141, 213</td>
<td></td>
</tr>
<tr>
<td>Ingram, G. L. 296</td>
<td></td>
</tr>
<tr>
<td>Innes, C. 60</td>
<td></td>
</tr>
<tr>
<td>C. H. 47, 56</td>
<td></td>
</tr>
<tr>
<td>Innocent, C. F. 61</td>
<td></td>
</tr>
<tr>
<td>Inwood, 214</td>
<td></td>
</tr>
<tr>
<td>Ioteyko, J. 311</td>
<td></td>
</tr>
<tr>
<td>Ireland, W. W. 280</td>
<td></td>
</tr>
<tr>
<td>Irvine, M. C. W. 13</td>
<td></td>
</tr>
<tr>
<td>Isler, C. 57</td>
<td></td>
</tr>
<tr>
<td>J. F. L. 117</td>
<td></td>
</tr>
<tr>
<td>Jack, G. 64</td>
<td></td>
</tr>
<tr>
<td>W. R. 242</td>
<td></td>
</tr>
</tbody>
</table>
Name Index.

Jackman, W. T. 311
Jackson, A. 76
—— B. D. 3, 200, 206
—— C. E. 97
—— C. M. 222
—— C. S. 37, 40
—— D. H. 85
—— F. G. 48, 64, 78
—— H. 208
—— J. W. 197
—— P. G. 84
—— W. 812
—— W. H. 224
Jacobi, C. T. 304
Jacobson, W. H. A. 261
Jaeger, F. M. 22
Jaggard, W. R. 61
Jagger, J. E. 47
Jaggers, E. M. 124
Jago, W. 129
Jaksch, V. 239
James, T. C. 181
—— W. H. N. 113, 115, 117
Jameson, W. W. 233
Jamieson, A. 45, 81, 90, 107, 110
—— E. B. 222
—— W. A. 284
Jane, F. T. 70, 85, 94
Janet, P. 7
Jansen, M. 267, 268, 280
Jaques, A. 127
Jardine, R. 276, 277
Jarvis, W. H. 53
Jast, L. S. 307
Jeans, J. H. 100, 107, 160
—— J. S. 154
Jefferys, W. H. 236
Jefferson, 182
Jeffery, F. H. 129
—— H. J. 198
Jehl, F. 117
Jellett, H. 275, 277
Jenkins, H. G. 310
—— J. T. 183, 191
Jenkinson. 58
—— J. W. 223
Jennings, A. S. 69
Jennison, H. 141
Jessop, C. M. 30, 35
Jervis-Smith, F. J. 72
Jessop, W. H. H. 269
Jevons, F. B. 10, 194
—— H. A. 13
—— W. S. 13
Jex-Blake, A. J. 221, 224
Jobling, E. 128, 146
Johns, C. A. 192, 206, 208
Johnson, A. E. 132
—— A. E. W. 246
—— A. F. M. 200
—— G. L. 308
—— J. C. F. 173
—— J. H. 117
—— R. 114, 308
—— T. M. 116
—— V. E. 45, 91, 113
—— W. E. 35
—— W. H. 219
Johnston, E. 305, 306
—— G. A. 11
—— J. B. 191
—— J. F. W. 213
—— K. 177
—— T. B. 221, 222
—— Lavis, H. J. 236
Johnstone, J. 191, 194
—— S. J. 152
—— T. 258
Joll, C. A. 251
Jolley, A. C. 115
Joly, C. J. 23
—— J. 105
—— N. 2
Jones, A. B. 237
—— A. C. 33, 199
—— A. J. 15
—— B. E. 47, 64, 309
—— C. 129, 308
—— C. P. 241
—— D. C. 38
—— D. E. 39, 97, 106
—— D. W. C. 285
—— E. 19, 251
—— E. E. C. 11, 13
—— F. B. 137
—— F. W. 191, 197
—— H. 7
—— H. F. 200
—— H. L. 290
—— H. Macnaughten. 17
—— H. S. 36
—— J. 216
—— J. H. 154
—— J. T. S. 295
—— L. 289
—— L. A. 172
—— L. M. M. 79
—— L. V. 247
—— M. W. 69
—— Sir R. 267, 268
—— R. 261
—— T. 47
—— T. G. 47
—— T. H. 93

340
Name Index.

Jones, T. W. 53
    — W. 134
    — W. H. 119
    — W. N. 200
Jordan, C. H. 70
    — H. G. 42, 47
Jørgensen, A. 137
Jost, L. 202
Jowett, W. 296
Joyner, G. 304
Judd, J. W. 166, 107, 194
Jude, A. 98
    — R. H. 97, 107
Judge, A. W. 88, 93
Jukes-Browne, A. J. 168, 169
Julier, H. E. 269
Julian, H. F. 174
    — J. 68
Julius, P. 147
Jung, C. G. 19
Juptner, H. F. v. 154
Jutsum, J. M. 180
Kanthack, A. A. 289
    — R. 102
Kapp, G. 109, 114, 118
Kapper, F. 114
Kassner, T. 173
Kay, S. A. 134
Kaye, G. W. C. 105, 126
Kayser, E. 168
Keable, B. B. 219
Keán, F. J. 88, 94
Keane, A. H. 177, 179, 197
    — C. 132
    — C. A. 131
Keary, C. F. 7
Keatinge, M. W. 18
Keeble, F. W. 202
Keegan, D. F. 274
Keen, G. R. 209
Keim, A. W. 68
Keith, Sir A. 197, 222, 223, 226, 274, 285
    — J. R. 243
    — R. D. 244
Kelland, P. 23
Kellas, A. M. 125
Kelner, O. J. 218
Kelsey, W. R. 97, 112
Kelson, W. H. 273
Keltie, Sir J. S. 175, 179
Kelvin, Lord. 3, 7, 21, 101
Kelynack, T. N. 250, 251, 280
    — T. W. 239
Kemp, P. 109, 113
Kemp, H. R. 89, 118, 114
Kempson, E. W. E. 112
Kennedy, A. 52
    — Sir A. B. W. 72
    — A. M. 245
    — N. 51
    — R. 91, 93
Kennelly, A. E. 110
Kenwood, H. R. 233, 234
Ker, C. B. 245
    — D. R. E. 218
Kerr, G. 186
    — G. L. 172
    — J. 5, 233
    — J. G. 228, 228
    — J. M. 277
Kershaw, G. B. 59
    — J. B. C. 142, 143, 155
    — J. W. 88
    — S. 300
Kettle, E. H. 207
Kew, H. W. 191
Key, A. C. 144
Keynes, J. N. 13
Kickman, H. R. B. 225
Kidd, F. 257, 258, 266
    — W. 194
Kilgour, P. 297
Kimball, A. L. 100
Kimmis, C. W. 18
Kinch, E. 123
King, D. B. 250
    — F. T. 278
    — H. E. 81
    — J. 71
Kingsbury, J. E. 119
Kingscott, P. C. R. 134
Kingsley, J. S. 191
Kinzer, H. 299
Kingzett, C. T. 123
Kinzbrunner, C. 110, 114
Kipping, F. S. 129, 131
Kirby, W. E. 188, 189
Kirkaldy, J. W. 184
Kirkbride, J. 304
Kirkpatrick, T. S. G. 173
Kirkup, T. 5
Kirmisson, E. 280
Kirschke, A. 88
Kitchin, D. B. 10
Kleen, E. A. G. 287
Klein, A. 13
    — F. 27
Klemín, A. 94
Klingenberg, G. 111
Kloes, J. A. Van Der. 65
Knapp, A. W. 139
Knecht, E. 134, 147, 299
Knight, J. H. 79

341
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knight, R. S. G. 134</td>
</tr>
<tr>
<td>—— S. R. 26, 35</td>
</tr>
<tr>
<td>—— W. 12</td>
</tr>
<tr>
<td>Knoblauch, E. 201</td>
</tr>
<tr>
<td>Knocker, D. 237</td>
</tr>
<tr>
<td>Knott, C. G. 21, 22, 25, 96, 167</td>
</tr>
<tr>
<td>Knox, A. 162, 179</td>
</tr>
<tr>
<td>—— A. V. 105</td>
</tr>
<tr>
<td>—— E. B. 233</td>
</tr>
<tr>
<td>—— G. D. 220</td>
</tr>
<tr>
<td>—— J. 126, 152</td>
</tr>
<tr>
<td>—— R. 105</td>
</tr>
<tr>
<td>Knuth, P. 202</td>
</tr>
<tr>
<td>Knuthsen, L. F. B. 256</td>
</tr>
<tr>
<td>Koczoowski, Lt. 45</td>
</tr>
<tr>
<td>Koenigsberger, L. 3</td>
</tr>
<tr>
<td>Koller, T. 151</td>
</tr>
<tr>
<td>Koppeschaar, E. 188</td>
</tr>
<tr>
<td>Kozmin, P. A. 139</td>
</tr>
<tr>
<td>Kraepelin, E. 253</td>
</tr>
<tr>
<td>Krauch, C. 132</td>
</tr>
<tr>
<td>Krause, R. A. 227</td>
</tr>
<tr>
<td>Kretschmar, C. 299</td>
</tr>
<tr>
<td>Krogh, A. 227</td>
</tr>
<tr>
<td>Krohn, R. E. S. 228, 262</td>
</tr>
<tr>
<td>Krusch, P. 165</td>
</tr>
<tr>
<td>Kulpe, O. 7, 17</td>
</tr>
<tr>
<td>L. H. 53</td>
</tr>
<tr>
<td>Laby, T. H. 126</td>
</tr>
<tr>
<td>Lachlan, R. 31</td>
</tr>
<tr>
<td>Lack, L. A. H. 226</td>
</tr>
<tr>
<td>La Cour, J. L. 114</td>
</tr>
<tr>
<td>Lafar, F. 138</td>
</tr>
<tr>
<td>Lagrange, F. 271</td>
</tr>
<tr>
<td>Laird, J. 250</td>
</tr>
<tr>
<td>Lake, P. 166, 168, 176</td>
</tr>
<tr>
<td>—— R. 274</td>
</tr>
<tr>
<td>Lakeman, A. 66</td>
</tr>
<tr>
<td>Lamarck, J. B. 194</td>
</tr>
<tr>
<td>Lamb. 53</td>
</tr>
<tr>
<td>—— C. G. 107</td>
</tr>
<tr>
<td>—— H. 28, 39, 41, 42, 103</td>
</tr>
<tr>
<td>—— J. 88</td>
</tr>
<tr>
<td>—— J. B. 216</td>
</tr>
<tr>
<td>—— W. 273</td>
</tr>
<tr>
<td>Lambart, H. C. 259</td>
</tr>
<tr>
<td>Lambert, P. C. 308</td>
</tr>
<tr>
<td>—— S. 45</td>
</tr>
<tr>
<td>—— T. 139, 155</td>
</tr>
<tr>
<td>Lambkin, F. J. 247</td>
</tr>
<tr>
<td>Lamprecht, R. 171</td>
</tr>
<tr>
<td>Lancaster, M. 117</td>
</tr>
<tr>
<td>Lancashire, F. W. 73, 91, 92</td>
</tr>
<tr>
<td>—— H. V. 68</td>
</tr>
<tr>
<td>—— W. F. 229</td>
</tr>
<tr>
<td>Land, H. C. 189</td>
</tr>
<tr>
<td>Landauer, J. 132</td>
</tr>
<tr>
<td>Lander, C. H. 301</td>
</tr>
<tr>
<td>—— G. D. 129, 296</td>
</tr>
<tr>
<td>Landois, L. 226</td>
</tr>
<tr>
<td>Landolt, E. 270</td>
</tr>
<tr>
<td>—— M. 270</td>
</tr>
<tr>
<td>Landon, J. W. 41</td>
</tr>
<tr>
<td>Landseer, Sir E. 103</td>
</tr>
<tr>
<td>Lane, J. E. 222</td>
</tr>
<tr>
<td>—— Sir W. A. 257, 265, 266</td>
</tr>
<tr>
<td>—— Claypon, J. E. 235</td>
</tr>
<tr>
<td>Lang, A. 224</td>
</tr>
<tr>
<td>—— W. II. 201</td>
</tr>
<tr>
<td>Lange, K. R. 145</td>
</tr>
<tr>
<td>Langenhagen, M. de. 256</td>
</tr>
<tr>
<td>Langley, J. N. 228, 225, 226</td>
</tr>
<tr>
<td>Langmaid, J. 81</td>
</tr>
<tr>
<td>Lankester, Sir E. R. 170, 185, 186</td>
</tr>
<tr>
<td>Lantiberry, F. C. A. H. 144</td>
</tr>
<tr>
<td>Lapage, C. P. 280</td>
</tr>
<tr>
<td>Lapworth, C. 166</td>
</tr>
<tr>
<td>Larard, C. E. 25</td>
</tr>
<tr>
<td>Larkman, A. E. 28, 110</td>
</tr>
<tr>
<td>—— A. H. 110</td>
</tr>
<tr>
<td>Larmor, Sir J. 39, 90, 103</td>
</tr>
<tr>
<td>Larner, E. T. 118</td>
</tr>
<tr>
<td>Larsen, A. 150</td>
</tr>
<tr>
<td>Larter, A. T. 143</td>
</tr>
<tr>
<td>Lascelles, T. W. 306</td>
</tr>
<tr>
<td>Lasche, O. 89</td>
</tr>
<tr>
<td>Latham, A. 244, 285</td>
</tr>
<tr>
<td>—— E. 55</td>
</tr>
<tr>
<td>Latter, O. H. 185, 189</td>
</tr>
<tr>
<td>Lattey, R. T. 97</td>
</tr>
<tr>
<td>Laurence, L. 102</td>
</tr>
<tr>
<td>Laurens, G. 273</td>
</tr>
<tr>
<td>Laurie, A. P. 69, 141</td>
</tr>
<tr>
<td>—— C. L. 200</td>
</tr>
<tr>
<td>—— S. S. 5</td>
</tr>
<tr>
<td>Laveran, A. 248</td>
</tr>
<tr>
<td>Lavis, H. J. J. 236</td>
</tr>
<tr>
<td>Law, E. F. 155</td>
</tr>
<tr>
<td>—— H. 52</td>
</tr>
<tr>
<td>Lawn, J. G. 171</td>
</tr>
<tr>
<td>Lawrence, C. P. 215</td>
</tr>
<tr>
<td>Lawrie, F. 263</td>
</tr>
<tr>
<td>Laws, B. C. 92</td>
</tr>
<tr>
<td>Lawson, A. W. 104</td>
</tr>
<tr>
<td>—— F. M. 311</td>
</tr>
<tr>
<td>—— G. 31</td>
</tr>
<tr>
<td>Laxton, W. 68</td>
</tr>
<tr>
<td>Laycock, W. F. 147</td>
</tr>
<tr>
<td>Lazarus-Barlow, W. S. 239, 240</td>
</tr>
<tr>
<td>Lea, A. S. 225</td>
</tr>
<tr>
<td>—— A. W. W. 276</td>
</tr>
<tr>
<td>—— E. 255</td>
</tr>
<tr>
<td>—— F. C. 54</td>
</tr>
<tr>
<td>Leach, A. F. 5</td>
</tr>
</tbody>
</table>

342
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf, C. H.</td>
</tr>
<tr>
<td>— H. M.</td>
</tr>
<tr>
<td>Lean, B.</td>
</tr>
<tr>
<td>Leaning, J.</td>
</tr>
<tr>
<td>Leathem, J. G.</td>
</tr>
<tr>
<td>Le Bas, G.</td>
</tr>
<tr>
<td>Le Bon, G.</td>
</tr>
<tr>
<td>Lecky, S. T. S.</td>
</tr>
<tr>
<td>Ledboer, J. H.</td>
</tr>
<tr>
<td>Ledingham, J. C. G.</td>
</tr>
<tr>
<td>Ledoux-Lebard, M.</td>
</tr>
<tr>
<td>Leduc, S.</td>
</tr>
<tr>
<td>Lee, A. B.</td>
</tr>
<tr>
<td>— J.</td>
</tr>
<tr>
<td>— V.</td>
</tr>
<tr>
<td>Leeds, F. H</td>
</tr>
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<td>Lees, C. H.</td>
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<td>— D. B.</td>
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<td>Leese, A. S.</td>
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<td>Letèvre, L.</td>
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<td>Leffmann, H.</td>
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<td>Leftwich, R. W.</td>
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<td>Legg, J. W.</td>
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<td>— T. P.</td>
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<td>Legge, F.</td>
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<td>— T. M.</td>
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<td>Leggatt, W.</td>
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<td>Leggett, B.</td>
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<td>Legros, L. A.</td>
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<td>Lehfeldt, R. A.</td>
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<td>Lehner, S.</td>
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<td>Leibniz, T.</td>
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<td>Leighton, G. R.</td>
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<td>Leland, C. G.</td>
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<td>Lelean, P. S.</td>
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<td>Lemaire, H.</td>
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<td>Le Maître, W.</td>
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<td>Lemerle, G.</td>
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<td>Lempertz, R. G. K.</td>
</tr>
<tr>
<td>Lempfert, K. G.</td>
</tr>
<tr>
<td>Lenzmann, 244</td>
</tr>
<tr>
<td>Leonard, E. M.</td>
</tr>
<tr>
<td>Lepine, J.</td>
</tr>
<tr>
<td>Leri, A.</td>
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<tr>
<td>Leriche, R.</td>
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<tr>
<td>Leston, G. L.</td>
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<tr>
<td>Letts, E. A.</td>
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<tr>
<td>Lefevres, C.</td>
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<tr>
<td>Leupp, F. E.</td>
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<td>Levett, R.</td>
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<td>Levy, D. M.</td>
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<td>— H.</td>
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<td>— S. I.</td>
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<tr>
<td>Lewers, A. H. N.</td>
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<tr>
<td>Lewes, G. H.</td>
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<tr>
<td>— V. B.</td>
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<tr>
<td>Lewis, E. I.</td>
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<td>Lewis, E. W.</td>
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<td>— W. C. McC.</td>
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<td>— W. J.</td>
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<td>Leyton, A. S. F.</td>
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<td>Libby, W.</td>
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<td>Lickley, J. D.</td>
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<td>Lidgett, A.</td>
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<td>Lieckfeld, G.</td>
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<td>Lilly, W. E.</td>
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<td>Lindsay, C. T.</td>
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<td>— J.</td>
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<td>— J. A.</td>
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<td>— Lord</td>
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<td>Lineham, W. J.</td>
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<tr>
<td>Ling, A. R.</td>
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<tr>
<td>Lintern, W.</td>
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<tr>
<td>Linton, R. G.</td>
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<tr>
<td>Lister, J. J.</td>
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<td>— Lord</td>
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<td>— T. D.</td>
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<td>Lithgow, E. M.</td>
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<td>Littlejohn, A. R.</td>
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<td>Little, A.</td>
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<td>— A. G.</td>
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<td>— H. F. V.</td>
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<tr>
<td>Liveing, G. D.</td>
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<tr>
<td>Livens, G. H.</td>
</tr>
<tr>
<td>Liversedge, A. J.</td>
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<tr>
<td>Liversedge, J. G.</td>
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<tr>
<td>Livingstone, R.</td>
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<tr>
<td>Llewellyn, J. L.</td>
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<td>Lloyd, A. H.</td>
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<td>— E. W.</td>
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<td>— Ll.</td>
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<td>— L. L.</td>
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<td>— R. E.</td>
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<td>Lluria, E.</td>
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<td>Lochhead, J.</td>
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<td>Lock, G. W.</td>
</tr>
<tr>
<td>— J. B.</td>
</tr>
<tr>
<td>— R. H.</td>
</tr>
<tr>
<td>Lockwood, 63</td>
</tr>
<tr>
<td>— C. B.</td>
</tr>
<tr>
<td>Lockyer, C.</td>
</tr>
<tr>
<td>— Sir J. N.</td>
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<td>Lodge, A.</td>
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<td>— G. A.</td>
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<td>— G. E.</td>
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<td>— Sir O. J.</td>
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<td>— R. C.</td>
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<td>Logan, D. D.</td>
</tr>
<tr>
<td>Loewenfeld, L.</td>
</tr>
<tr>
<td>Loewenthal, R.</td>
</tr>
</tbody>
</table>
Name Index.

Logan, F. W. A. 45
Lohmann, W. 271
Lohnis, F. 214
Lommel, E. 101
— von. 97
Lomax, J. W. 298
Lones, T. E. 155
Loney, S. L. 33, 34, 35, 36, 39, 41, 42
Long, C. E. 19
— H. C. 212
— J. 214, 217
Longmuir, P. 157
Longridge, C. J. N. 276, 277
Loosmore, C. 251
Lord, R. T. 301
Lorenz, A. 208
Loring, F. H. 127
Lossky, N. O. 10
Lott, F. E. 138
Louch M. 18
Louis, H. 52, 153, 169, 174
Love, A. E. H. 29, 39, 44, 167
— J. K. 274
Loveday, T. 15, 17
Lovell, M. S. 191
Lovett, W. J. 70, 71
Lovibond, J. W. 102
Low, B. 19
— D. A. 31, 33, 43, 47, 73, 81
— G. C. 246
— R. C. 284
— W. S. 273
Lowndes, M. E. 15
Lowry, T. M. 122
Lowson, J. M. 200
— W. 129
Lucas, E. W. 286, 291, 292
— F. 312
— K. 227
Luciani, L. 226
Luckes, E. C. E. 294
Luckhoff, L. 270
Ludlam, E. B. 124, 129
Luff, A. P. 125
Luhe, M. 248
Lukis, Sir C. P. 286, 292
Lulham, R. 186
Lumb, A. D. 165
— N. P. L. 247, 266
Lummer, O. 308
Lummiss-Paterson, G. W. 112
Lunge, G. 132, 136, 145, 146, 151
Lunt, H. J. 311
— J. 130
Lupton, A. 173
Lupton, S. 126
Lustgarten, J. 117
Luttringer, A. 142
Luys, G. 247
— J. 227
Lyall, M. 7
Lycett, J. 94
Lydall, F. 118
Lyde, L. W. 177, 178
Lydekker, R. 3, 170, 185, 191, 193
Lyell, Sir C. 166
Lyle, H. W. 226
Lyman, T. 102
Lyster, R. A. 233
Lyth, E. R. 289
M. R. C. V. S. 217
MacAlister, D. A. 169
McAulay, A. 23, 38
Macaulay, F. S. 27, 31
— W. H. 99
Macbeth, A. K. 125
MacBride, E. W. 186, 223
McBride, P. 273
Maccabe, F. F. 231, 295
Maclay, W. T. 112
MacCallan, A. F. 270
McCallum, F. J. 276
McCarron, R. 254
M’Carthuffy, F. L. 34
McCarn, H. P. 46
McCaskill, A. 1
McCaw, J. 279, 280
McCay, D. 286
M’Clelland, W. J. 35
McConnell, P. 211
McCrae, J. A. 239
— T. 243
McCulloch, C. 74
MacCurdy, J. T. 253
McDermid, N. J. 71
McDonagh, J. E. R. 247, 288
Macdonald, D. M., 280, 286
— G. 18
— G. W. 150
— H. M. 107
— J. 211
— J. H. 253
— R. St. J. 283
— W. 215
McDougall, W. 15, 16, 17, 20
McDowall, S. A. 97
MacEwan, P. 291
MacEwen, J. A. C. 222
MacFadyen, A. 184
McFarlane, J. 177
Macfarlane, W. 153, 154, 156
Macfie, R. C. 195, 289
Name Index.

McGibbon, W. C. 86
McGowan, G. 132
Macgregor, J. G. 41
—— J. M. 240
McGrigor, G. D. 164
MacHattie, A. 180
McIntosh, J. 247
—— J. G. 138, 141, 142
—— W. C. 192
McKail, D. 234
McKay, R. F. 43
Mackay, J. S. 25, 31
McKay, W. J. S. 231, 276
McKendrick, A. 237, 288
—— J. G. 226
Mackenna, R. W. 288
McKenzie, D. 273, 274
—— J. 240
Mackenzie, Sir J. 231, 255
—— J. A. S. 249
—— J. E. 183
—— J. S. 10, 11
—— K. J. J. 217
—— N. T. 55
—— R. T. 287
—— T. 43
—— T. C. 254
—— W. C. 222, 227
—— W. L. 223, 279
Mackie, A. 307
—— J. 302
McKillop, A. D. 310
—— M. 286, 310
MacKinder, H. J. 178
McKinnon, E. C. 116
McKisack, H. L. 244
Mackrow, C. 71
McLachlan, N. W. 25
McLaren, R. S. 73
Maclaurin, R. C. 101
McLean, A. 98
Macleod, H. 181, 239
—— M. 110
MacLennan, A. 261
MacLeod, H. W. G. 233
—— J. 186 3/5, 3/6
—— J. J. R. 226, 258
—— J. M. H. 264, 284
—— W. A. 156
MacMahon, P. A. 27
McMillan, 86
—— D. 79
MacMillan, J. C. 279
—— W. G. 153, 155
McMinnies, W. G. 92
MacMinn, N. E. 175
MacNab, A. 269, 271
MacNab, J. 182
—— W. 150
MacNamara, N. C. 16, 195
Macnaughten-Jones, H. 17
McNello, A. M. 28
—— J. D. 28
Macpherson, H. 3
McPherson, J. A. 57
McQueen, E. N. 16
MacQueen, J. 296
MacRobert, T. M. 23
McTaggart, J. McT. E. 10
McVail, J. C. 246
McWilliam, A. 157
Maddox, E. E. 270
—— H. A. 148, 305
Madill, D. G. 277
Magian, A. C. 247
Magie, W. F. 97
Magill, E. M. 290
Maginnis, A. G. 71
Magnus, L. 7
—— Sir P. 39
Maguire, T. M. 179
—— W. R. 59
Maher, M. 16
Maitland, F. 2
Maitre, W. I. E. 92
Makins, Sir G. H. 264
Makower, W. 105
Malatesta, G. 145
Malcolm, H. W. 120
Mallik, D. N. 101
Mamlock, H. J. 283
Manacorda, H. 16
Manders, A. S. 142, 219
Mann, Dr. 256
—— G. 223, 227
—— H. L. 16
—— J. D. 238, 239
—— M. S. 274
Manson, G. L. 61
—— Sir P. 259
—— Bahr, P. H. 259
March, H. 244
—— N. H. 228
Marchant, F. T. 233
—— W. H. 121
Marett, R. R. 16, 197, 223
Mark, E. L. 223
—— H. T. 5
—— L. P. 251
Marks, E. C. R. 73, 74
—— Sir G. C. 56, 278
—— L. S. 81
Marlow, T. G. 136
Marquand, H. S. 119
Name Index.

Marr, H. C. 253
— J. E. 166, 168, 169, 214
Marriage, F. 308
Marsh, C. F. 67
— J. E. 127
Marsden, R. 299
Marshall, A. 150
— A. M. 186, 192
— C. 286, 292
— C. D. 269
— F. H. A. 217, 223, 228
— H. 151, 164
— H. R. 16
— T. W. 215
— W. J. 88
Marson, P. 149
Martel, T. de. 265
Martin. 86
— A. B. R. 121
— G. 122, 124, 126, 129, 134, 136, 146,
  147, 150, 151
— H. N. 184
— J. 178
— M. J. 121
— N. 67
— W. A. 76
— W. D. 86, 88
— W. R. 181
Martindale, W. H. 288, 292, 293
Martineau, G. 138
Martinier, P. 265
Maryon, H. 78
Maskelyne, N. S. 164
Maslen, A. J. 200
Mason, A. C. 7
— F. A. 147
Massie, G. 200, 204, 212
Masselin, E. J. 280
Master, H. 187
Masterman, A. T. 186, 192
Masters, W. E. 259
Mastin, J. 165
Mather, T. 100
Matheson, D. 217
— E. 311
Mathews, G. B. 23, 27, 32
Matson, R. W. 288
Matthew, D. 252
Matthews, A. H. H. 215
— C. G. 188
— E. 216
— E. R. 54, 55, 60
— G. F. 87
— R. B. 91, 94
Mattos, A. T. de. 188
Maudsley, H. 16, 253
Maunder, E. W. 160
Maurice, W. 172, 173
Maw, P. T. 209
Mawson, E. O. 55
— F. 171
Maxim, Sir H. S. 3
Maxted, F. B. 128, 151
Maxwell, Capt. 181
— F. 188
— F. W. 35, 183
— J. C. 99, 103, 106, 107
— J. L. 236
— R. D. 275
— W. H. 59
May, C. H. 260
— O. 247
— P. 139
Mayall, G. 216, 217
— J. 196
Maycock, W. P. 107, 112, 113, 114,
  116, 117
Mayer, C. 142, 148
Maylard, A. E. 250, 266
Maynard, F. P. 269
Mayo, C. H. P. 28
Mayor, J. B. 7
Mayou, M. S. 269, 270
Meade, A. 145
Meares, J. W. 54, 110
Meech, A. 192
Mees, C. E. K. 102
Meldola, R. 124, 131, 308
Mellanby, A. L. 48, 70
Melland, C. H. 258
Mellone, S. H. 13, 16
Mellor, J. W. 25, 130, 134, 149, 156
Melville, C. H. 238
— Davison, W. 233
Mennell, F. P. 168
— J. B. 268, 287
‘Mentor.’ 145, 146
Menzies, J. A. 225
— K. 228
Mercer, J. E. 103
— J. W. 28, 34
Mercier, C. 17, 213, 253
— Cardinal. 7
Meredith, C. M. 18
Meric, H. de. 289
Merrifield, J. 181
Merrington, E. M. 16
Merritt, W. H. 165
Merz, J. T. 5, 7
Mesnil, F. 248
Messum, S. 183
Metcalfe. 4
— C. C. 116
Metchnikoff, E. 288

340
<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metson, G.</td>
<td>63</td>
</tr>
<tr>
<td>Meyclar, L.</td>
<td>312</td>
</tr>
<tr>
<td>Meyer, B. R.</td>
<td>7, 14</td>
</tr>
<tr>
<td>Meysey-Thompson, R. F.</td>
<td>193</td>
</tr>
<tr>
<td>Miall, B.</td>
<td>185, 250</td>
</tr>
<tr>
<td>——— L. C.</td>
<td>184, 189</td>
</tr>
<tr>
<td>Michaelis, D. M. L.</td>
<td>41</td>
</tr>
<tr>
<td>Michell, S.</td>
<td>56</td>
</tr>
<tr>
<td>Michollitsch, T.</td>
<td>276</td>
</tr>
<tr>
<td>Middleton, E. C.</td>
<td>91</td>
</tr>
<tr>
<td>——— G. A. T.</td>
<td>49, 51, 59, 64</td>
</tr>
<tr>
<td>——— R. E.</td>
<td>51, 57</td>
</tr>
<tr>
<td>Midgley, E.</td>
<td>300</td>
</tr>
<tr>
<td>Miers, Sir H. A.</td>
<td>164</td>
</tr>
<tr>
<td>Milburn, T.</td>
<td>212</td>
</tr>
<tr>
<td>Miles, A.</td>
<td>232, 261, 263</td>
</tr>
<tr>
<td>Mill, H. R.</td>
<td>175, 179</td>
</tr>
<tr>
<td>——— J. S.</td>
<td>6, 13</td>
</tr>
<tr>
<td>Millais, J. G.</td>
<td>192, 193</td>
</tr>
<tr>
<td>Millar, A.</td>
<td>69, 219</td>
</tr>
<tr>
<td>——— J. B.</td>
<td>31</td>
</tr>
<tr>
<td>——— W. J.</td>
<td>73, 82, 180</td>
</tr>
<tr>
<td>Millard, C. K.</td>
<td>288</td>
</tr>
<tr>
<td>Miller, H. C.</td>
<td>253</td>
</tr>
<tr>
<td>——— J.</td>
<td>239, 240</td>
</tr>
<tr>
<td>——— J. S.</td>
<td>77</td>
</tr>
<tr>
<td>——— R.</td>
<td>280</td>
</tr>
<tr>
<td>Milligan, F. M.</td>
<td>219</td>
</tr>
<tr>
<td>——— Sir W.</td>
<td>274</td>
</tr>
<tr>
<td>Millington, J. P.</td>
<td>3</td>
</tr>
<tr>
<td>Millis, C. T.</td>
<td>25, 77</td>
</tr>
<tr>
<td>——— G. P.</td>
<td>283</td>
</tr>
<tr>
<td>Milne, J.</td>
<td>33, 167</td>
</tr>
<tr>
<td>——— J. J.</td>
<td>32</td>
</tr>
<tr>
<td>——— J. S.</td>
<td>232</td>
</tr>
<tr>
<td>——— R.</td>
<td>300</td>
</tr>
<tr>
<td>——— R. M.</td>
<td>22, 41</td>
</tr>
<tr>
<td>——— T.</td>
<td>209</td>
</tr>
<tr>
<td>——— W. P.</td>
<td>27, 28</td>
</tr>
<tr>
<td>Milner, H. B.</td>
<td>168</td>
</tr>
<tr>
<td>Milroy, J. A.</td>
<td>135</td>
</tr>
<tr>
<td>——— M. E. W.</td>
<td>302</td>
</tr>
<tr>
<td>——— T. H.</td>
<td>135</td>
</tr>
<tr>
<td>Milson, F.</td>
<td>151</td>
</tr>
<tr>
<td>Minchin, G. M.</td>
<td>41, 42, 47</td>
</tr>
<tr>
<td>——— W. C.</td>
<td>250</td>
</tr>
<tr>
<td>Minett, E. P.</td>
<td>229</td>
</tr>
<tr>
<td>Minlkin, R. C. R.</td>
<td>54</td>
</tr>
<tr>
<td>Minto, W.</td>
<td>13</td>
</tr>
<tr>
<td>Miremont, C. de.</td>
<td>161, 180</td>
</tr>
<tr>
<td>Mitchell, A.</td>
<td>9</td>
</tr>
<tr>
<td>——— C. A.</td>
<td>128, 133, 137, 188, 141, 148, 235, 238, 297</td>
</tr>
<tr>
<td>——— C. F.</td>
<td>61, 65</td>
</tr>
<tr>
<td>——— F. S.</td>
<td>69</td>
</tr>
<tr>
<td>——— G. A.</td>
<td>61, 65</td>
</tr>
<tr>
<td>——— J.</td>
<td>71</td>
</tr>
<tr>
<td>Mitchell, P.</td>
<td>232</td>
</tr>
<tr>
<td>——— P. C.</td>
<td>184, 195</td>
</tr>
<tr>
<td>——— W.</td>
<td>16</td>
</tr>
<tr>
<td>Mivart, St. G.</td>
<td>2</td>
</tr>
<tr>
<td>Mogridge, J. T.</td>
<td>189</td>
</tr>
<tr>
<td>Molesworth, Sir G. L.</td>
<td>46, 50</td>
</tr>
<tr>
<td>——— H. B.</td>
<td>62</td>
</tr>
<tr>
<td>——— W. H.</td>
<td>110</td>
</tr>
<tr>
<td>Molinari, E.</td>
<td>137</td>
</tr>
<tr>
<td>Moll, A.</td>
<td>279, 290</td>
</tr>
<tr>
<td>Monahan, A.</td>
<td>7</td>
</tr>
<tr>
<td>——— A. J.</td>
<td>14</td>
</tr>
<tr>
<td>Monckton, C. C. F.</td>
<td>121</td>
</tr>
<tr>
<td>Monro, T. K.</td>
<td>242</td>
</tr>
<tr>
<td>Montagu, Lord.</td>
<td>80</td>
</tr>
<tr>
<td>Montel, A.</td>
<td>68</td>
</tr>
<tr>
<td>Montevedere, R. D.</td>
<td>312</td>
</tr>
<tr>
<td>Moodie, A. R.</td>
<td>274</td>
</tr>
<tr>
<td>Moor, C. G.</td>
<td>229, 238, 235</td>
</tr>
<tr>
<td>——— S. A.</td>
<td>202</td>
</tr>
<tr>
<td>Moore, A. S.</td>
<td>301</td>
</tr>
<tr>
<td>——— B.</td>
<td>185, 195, 226</td>
</tr>
<tr>
<td>——— E. C. S.</td>
<td>54</td>
</tr>
<tr>
<td>——— F.</td>
<td>189</td>
</tr>
<tr>
<td>——— G. E.</td>
<td>11</td>
</tr>
<tr>
<td>——— H.</td>
<td>96, 143</td>
</tr>
<tr>
<td>——— Sir J. W.</td>
<td>162</td>
</tr>
<tr>
<td>——— N.</td>
<td>232</td>
</tr>
<tr>
<td>——— S. B.</td>
<td>79</td>
</tr>
<tr>
<td>——— T.</td>
<td>77</td>
</tr>
<tr>
<td>——— T. S.</td>
<td>129</td>
</tr>
<tr>
<td>——— Sir W.</td>
<td>236</td>
</tr>
<tr>
<td>Moorhead, T. G.</td>
<td>224</td>
</tr>
<tr>
<td>Mordin, R.</td>
<td>120</td>
</tr>
<tr>
<td>More, C. G.</td>
<td>79</td>
</tr>
<tr>
<td>Moreton, H. W.</td>
<td>115</td>
</tr>
<tr>
<td>Morgan, A. P.</td>
<td>93</td>
</tr>
<tr>
<td>——— C. Lloyd.</td>
<td>16, 19, 187, 195.</td>
</tr>
<tr>
<td>——— G. T.</td>
<td>131</td>
</tr>
<tr>
<td>——— J. D.</td>
<td>118</td>
</tr>
<tr>
<td>——— J. J.</td>
<td>156, 157</td>
</tr>
<tr>
<td>Morison, A. B.</td>
<td>254</td>
</tr>
<tr>
<td>——— C. G. T.</td>
<td>211</td>
</tr>
<tr>
<td>——— J. R.</td>
<td>264, 266</td>
</tr>
<tr>
<td>——— R.</td>
<td>260</td>
</tr>
<tr>
<td>Morley, A.</td>
<td>39, 43, 44, 51</td>
</tr>
<tr>
<td>——— H. F.</td>
<td>126</td>
</tr>
<tr>
<td>Morrell, R. S.</td>
<td>141</td>
</tr>
<tr>
<td>Morrice, G. C.</td>
<td>27</td>
</tr>
<tr>
<td>Morris, C.</td>
<td>181</td>
</tr>
<tr>
<td>——— F. O.</td>
<td>189</td>
</tr>
<tr>
<td>——— Sir H.</td>
<td>222, 248</td>
</tr>
<tr>
<td>——— H. J.</td>
<td>285</td>
</tr>
<tr>
<td>——— I. H.</td>
<td>33, 48</td>
</tr>
<tr>
<td>——— Sir M.</td>
<td>284</td>
</tr>
<tr>
<td>——— T. N.</td>
<td>218</td>
</tr>
</tbody>
</table>

347
Name Index.

Morrow, J. 89
Morse, H. W. 126
Morten, H. 294
Mortimer, F. J. 308
—— G. 155
—— J. D. 263
Morton, A. S. 271
—— E. R. 105
—— W. C. 222
Moses, O. St. J. 276
Moss, C. E. 203, 206
—— H. 84
Moss, A. 259
Mott, Sir F. W. 18, 253
Mottelay, P. F. 8
Mouinier, T. 255
Moullin, C. W. M. 248, 266, 267
Moult, Lord. 2
Moussu, G. 217
Mowat, H. 105
Moynihan, Sir B. G. A. 266
Mudge, G. P. 184, 200
Mueller, F. 205
Muir, J. 104
—— M. M. P. 124, 126, 133
—— R. 229, 288
—— Sir T. 27
Muirhead, I. B. 271
—— J. H. 11
—— W. A. 236
Mulhall, M. G. 38
Mukerji, N. G. 211
Mumford, E. E. R. 18
Munnery, J. H. 282
—— J. P. L. 257, 262, 266
Munby, A. E. 64, 130
Munella, V. A. 1
Munro, J. 86, 110
—— R. D. 84
—— R. W. 210
Muratet, L. 246
Murdock, W. H. F. 110, 115
Murphy, J. K. 242, 247, 264, 280, 285
—— Sir S. F. 234
Murray, A. J. 71
—— D. A. 28, 29,
—— G. R. 254
—— H. M. 243
—— Sir J. 183
—— J. A. 213, 218, 220
—— J. E. 120
—— R. W. 265, 267
Murrell, W. 238, 285
Mucio, B. 17
Mutel, J. 182
Myddleton, 3

—— Myers, C. S. 17, 19
—— J. E. 125
Nabarro, D. 248
Naegeli, C. 196
Nall, S. 276
Nankivel, A. T. 283, 285
Nash, J. T. C. 195
Nasmith, J. 298, 301
Nave, J. 204
Nayler, W. A. 33, 41
Naylor, C. H. 99
—— T. E. 304
—— W. 151
Ncale, R. E. 110, 111
Neave, G. B. 131
Neilson, R. M. 89
Neligan, A. R. 286
Nernst, W. 126
Nettlefold, J. S. 68
Neuburger, M. 232
Neumann, E. 282
Neville, H. A. D. 213
—— S. 113
Newbigin, M. I. 175, 176, 178
—— M. T. 193
Newby, E. J. 91
Newcombe, S. 100
Newell, A. G. 245
Newham, H. B. G. 259
Newland, C. B. 19
—— H. O. 219
Newlands, B. E. R. 138
—— J. A. R. 138
Newman, E. W. 311
—— Sir G. 234, 279
—— L. F. 216
Newsham, J. C. 209, 211, 212, 214, 216
Newsholme, Sir A. 233, 245, 250
Newsome, H. F. V. 58
Newth, G. S. 124, 190, 132
Newton, Sir I. 24
—— T. 77
Nicholls, Capt. 182
—— A. E. 181
—— H. A. A. 211
Nicholson, H. A. 170
—— R. T. 80
—— W. 143
Nicol, G. 71
Nicoll, M. 19
Nielson, T. 49
Nietzki, R. 147
Nisbet, D. T. 300
—— H. 299, 300
—— J. 209
Nixon, R. C. J. 34
Name Index.

Noble, Sir A. 158
Norie, J. W. 182
Normandy, P. 124
North, N. 300
Norton, F. 278
Northcliffe, Viscount. 50
Norton, G. 305
Norwell, A. 41
Nottage, W. H. 121
Notter, J. L. 233
Nowell, W. S. 283
Noyer, J. 151
Nunn, A. W. 292
— J. A. 296
— T. P. 22, 26
Nutt, P. 91
Nuttall, G. H. F. 189, 229, 245
Obersteiner, Prof. 223
O'Callaghan, M. A. 216
O'Connor, F. W. 259
— H. 59, 145
O'Dea, J. J. 26, 36, 37
O'Donahue, T. A. 51, 171
O'Donoghue, C. H. 186
Ogden, C. K. 9
Ogg, A. 99
Ogley, D. H. 60, 107, 117
Okey, T. 302
Okill, J. 88
Oldfield, C. 277
Oldham, F. 124
Oliver, C. E. 69
— D. 200, 206
— F. W. 55, 195, 200
— G. 241
— Sir T. 238, 259
Ombredanne, Prof. 264
Onodi, A. 270, 274
Onslow, M. W. 135, 203
Oppenheimer, C. 128, 238
Oram, Sir H. J. 86
Orford, H. 102, 308
Ormandy, W. R. 144
Ormerod, F. 297
Ormsby, M. T. M. 51
Orr, A. J. 73
— J. 211
— J. B. 295
— M. A. 161
Orrin, H. C. 222, 261
Orton, G. H. 289
Orthmann, E. G. 275
Orwin, C. S. 214
Osborn, G. 26
Osborne, F. C. 94
— T. B. 185
Oeschwald, U. A. 115

Oscroft, P. W. 180
O'Shea, L. T. 124
Osler, Sir W. 243
Osmond, F. 156
Ostertag, R. 285
Ostwald, W. 126, 130, 182
Otobe, S. 250
O'Toole, T. 46
Oulton, L. 114
Outram, J. F. 63
Overbeck-Wright, A. W. 253
Overend, W. 250
Owen, E. 265, 266
— H. 182
— W. D. 121
Owens, F. W. 180
Page, C. M. 264
— J. M. 29
— W. 5
Paget, S. 232
Paine, A. 249
Painton, E. T. 114
Paisseux, G. 245
Pakes, W. C. C. 283
Pallin, W. A. 280
Palmer, A. R. 107, 110, 115
— J. H. 35
— M. D. 287
— T. F. 302
— W. S. 9
Pamely, C. 74
Panton, A. 26
— P. N. 240
Pappenheim, A. 241
Paramore, R. H. 275
Park, J. 51, 54, 155, 156, 166, 169
— W. E. 93
Parker, C. A. 273
— G. 232
— G. W. 42, 101, 160
— J. 99, 172
— M. A. 182
— P. A. M. 54
— T. J. 7, 184, 186
— W. N. 186
Parkes, F. 289
— L. C. 233
— O. 70
Parkinson, B. R. 146
— S. 40, 101
— T. W. F. 175
Parr, A. 76
— G. D. A. 110, 114, 115, 173
Parry, E. J. 141, 142, 285
— L. A. 259
Parson, J. 53
Parsons, F. G. 222
## Name Index.

<table>
<thead>
<tr>
<th>Name</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parsons, H. de B.</td>
<td>84</td>
</tr>
<tr>
<td>— H. F. 234</td>
<td></td>
</tr>
<tr>
<td>— J. H. 16, 102, 269, 270, 271</td>
<td></td>
</tr>
<tr>
<td>— J. J. 290</td>
<td></td>
</tr>
<tr>
<td>— S. J. 154</td>
<td></td>
</tr>
<tr>
<td>Part, G. M. 168</td>
<td></td>
</tr>
<tr>
<td>Partington, J. R. 25, 99, 130, 151</td>
<td></td>
</tr>
<tr>
<td>Partridge, W. 124, 229, 235</td>
<td></td>
</tr>
<tr>
<td>Partsch, J. 178</td>
<td></td>
</tr>
<tr>
<td>Passmore, A. C. 62, 65</td>
<td></td>
</tr>
<tr>
<td>Pasteur, 4</td>
<td></td>
</tr>
<tr>
<td>Patchell, W. H. 173</td>
<td></td>
</tr>
<tr>
<td>Paterson, A. M. 222, 223, 224</td>
<td></td>
</tr>
<tr>
<td>— D. 299</td>
<td></td>
</tr>
<tr>
<td>— G. W. L. 112, 116, 173</td>
<td></td>
</tr>
<tr>
<td>— W. E. 38</td>
<td></td>
</tr>
<tr>
<td>Paton, D. M. 288</td>
<td></td>
</tr>
<tr>
<td>— D. N. 226, 240, 295</td>
<td></td>
</tr>
<tr>
<td>— H. 304</td>
<td></td>
</tr>
<tr>
<td>Patrick, G. T. W. 7</td>
<td></td>
</tr>
<tr>
<td>Pattison, J. T. 155</td>
<td></td>
</tr>
<tr>
<td>Paul, C. N. 284</td>
<td></td>
</tr>
<tr>
<td>— J. H. 137</td>
<td></td>
</tr>
<tr>
<td>— M. E. 228, 279</td>
<td></td>
</tr>
<tr>
<td>— N. M. 9, 10</td>
<td></td>
</tr>
<tr>
<td>Pavlov, I. P. 286</td>
<td></td>
</tr>
<tr>
<td>Pavy, F. W. 258</td>
<td></td>
</tr>
<tr>
<td>Pawson, H. C. 211</td>
<td></td>
</tr>
<tr>
<td>Payne, J. F. 292</td>
<td></td>
</tr>
<tr>
<td>— W. H. 4</td>
<td></td>
</tr>
<tr>
<td>Paynter, J. E. 33</td>
<td></td>
</tr>
<tr>
<td>Peacey, E. 296</td>
<td></td>
</tr>
<tr>
<td>Peacock, D. H. 3</td>
<td></td>
</tr>
<tr>
<td>Peake, A. H. 53</td>
<td></td>
</tr>
<tr>
<td>— R. J. 301</td>
<td></td>
</tr>
<tr>
<td>Pear, T. H. 253</td>
<td></td>
</tr>
<tr>
<td>Pearce, E. K. 189</td>
<td></td>
</tr>
<tr>
<td>— J. G. 310</td>
<td></td>
</tr>
<tr>
<td>— W. J. 69</td>
<td></td>
</tr>
<tr>
<td>Pearmain, T. H. 235</td>
<td></td>
</tr>
<tr>
<td>Pearn, F. 311</td>
<td></td>
</tr>
<tr>
<td>— S. 311</td>
<td></td>
</tr>
<tr>
<td>Pearse, A. W. 217</td>
<td></td>
</tr>
<tr>
<td>Pearson, 182</td>
<td></td>
</tr>
<tr>
<td>— C. Y. 261</td>
<td></td>
</tr>
<tr>
<td>— J. C. 77</td>
<td></td>
</tr>
<tr>
<td>— J. H. 62</td>
<td></td>
</tr>
<tr>
<td>— K. 5, 45, 45, 45, 49, 54, 105</td>
<td></td>
</tr>
<tr>
<td>— M. 184</td>
<td></td>
</tr>
<tr>
<td>— M. G. 263</td>
<td></td>
</tr>
<tr>
<td>— N. 10, 16</td>
<td></td>
</tr>
<tr>
<td>— S. V. 250</td>
<td></td>
</tr>
<tr>
<td>Peattie, J. 84</td>
<td></td>
</tr>
<tr>
<td>Peddie, A. 46</td>
<td></td>
</tr>
<tr>
<td>— R. A. 2, 304</td>
<td></td>
</tr>
<tr>
<td>Pedley, R. D. 282</td>
<td></td>
</tr>
<tr>
<td>Peel, R. 172</td>
<td></td>
</tr>
<tr>
<td>Peel, T. 81</td>
<td></td>
</tr>
<tr>
<td>Pelly, S. A. 170</td>
<td></td>
</tr>
<tr>
<td>Pembrey, M. S. 226, 240, 293</td>
<td></td>
</tr>
<tr>
<td>Pendlebury, C. 36</td>
<td></td>
</tr>
<tr>
<td>Pendred, V. 83</td>
<td></td>
</tr>
<tr>
<td>Pendry, H. W. 120</td>
<td></td>
</tr>
<tr>
<td>Penhallow, D. P. 264</td>
<td></td>
</tr>
<tr>
<td>Penlake, R. 308</td>
<td></td>
</tr>
<tr>
<td>Penlington, W. A. G. 216</td>
<td></td>
</tr>
<tr>
<td>Penman, D. 173</td>
<td></td>
</tr>
<tr>
<td>Pennington, A. S. 191</td>
<td></td>
</tr>
<tr>
<td>Penrose, H. E. 107, 121</td>
<td></td>
</tr>
<tr>
<td>Penzer, N. M. 210</td>
<td></td>
</tr>
<tr>
<td>Percival, A. S. 25, 101, 272</td>
<td></td>
</tr>
<tr>
<td>— G. A. 117</td>
<td></td>
</tr>
<tr>
<td>— J. 212, 213, 214, 220</td>
<td></td>
</tr>
<tr>
<td>Perkin, A. G. 147</td>
<td></td>
</tr>
<tr>
<td>— F. M. 46, 124, 130, 133, 144</td>
<td></td>
</tr>
<tr>
<td>— H. 173</td>
<td></td>
</tr>
<tr>
<td>— W. H. 41, 124, 125, 129, 131</td>
<td></td>
</tr>
<tr>
<td>Perol, P. 244</td>
<td></td>
</tr>
<tr>
<td>Perrin, J. 103</td>
<td></td>
</tr>
<tr>
<td>Perrott, A. D. 34</td>
<td></td>
</tr>
<tr>
<td>— S. W. 53</td>
<td></td>
</tr>
<tr>
<td>Perry, 3</td>
<td></td>
</tr>
<tr>
<td>— J. 25, 28, 45, 82</td>
<td></td>
</tr>
<tr>
<td>Peters, O. H. 256</td>
<td></td>
</tr>
<tr>
<td>Petherbridge, F. R. 213</td>
<td></td>
</tr>
<tr>
<td>Petit, G. 142</td>
<td></td>
</tr>
<tr>
<td>Pettigrew, W. F. 83</td>
<td></td>
</tr>
<tr>
<td>Pfeffer, W. 203</td>
<td></td>
</tr>
<tr>
<td>Philip, A. 119</td>
<td></td>
</tr>
<tr>
<td>— A. J. 304, 305</td>
<td></td>
</tr>
<tr>
<td>— J. C. 127</td>
<td></td>
</tr>
<tr>
<td>Philipson, J. 65</td>
<td></td>
</tr>
<tr>
<td>Phillimore, J. 80</td>
<td></td>
</tr>
<tr>
<td>Phillips, C. D. F. 293</td>
<td></td>
</tr>
<tr>
<td>— H. J. 156</td>
<td></td>
</tr>
<tr>
<td>— Sir J. 275</td>
<td></td>
</tr>
<tr>
<td>— J. A. 169</td>
<td></td>
</tr>
<tr>
<td>— L. P. 246</td>
<td></td>
</tr>
<tr>
<td>— W. 204</td>
<td></td>
</tr>
<tr>
<td>Philpott, T. V. 214</td>
<td></td>
</tr>
<tr>
<td>Piaggio, H. T. H. 29</td>
<td></td>
</tr>
<tr>
<td>Pcaord, H. K. 155</td>
<td></td>
</tr>
<tr>
<td>Pickard, J. A. 156</td>
<td></td>
</tr>
<tr>
<td>Pickering, W. H. 160</td>
<td></td>
</tr>
<tr>
<td>Pickerill, H. D. 256</td>
<td></td>
</tr>
<tr>
<td>— H. P. 282</td>
<td></td>
</tr>
<tr>
<td>Pickford, A. G. 32</td>
<td></td>
</tr>
<tr>
<td>Pickworth, C. N. 37</td>
<td></td>
</tr>
<tr>
<td>— P. C. N. 311</td>
<td></td>
</tr>
<tr>
<td>Pidduck, F. B. 107</td>
<td></td>
</tr>
<tr>
<td>Pigg, J. I. 308</td>
<td></td>
</tr>
<tr>
<td>Piggott, H. E. 35</td>
<td></td>
</tr>
<tr>
<td>Piggott, H. 177</td>
<td></td>
</tr>
<tr>
<td>Pilcher, R. B. 124, 137</td>
<td></td>
</tr>
</tbody>
</table>
Name Index.

Pilkington, W. 51
Pillsbury, W. B. 7, 16
Pilon, H. 105
Pinches, H. J. 261
Pinkerton, P. 33
—— R. H. 31, 41, 42
Pintner, R. 17
Piper, C. W. 308
Pippard, A. J. S. 93
Pirie, G. 41
Pite, B. 62
Pitfield, R. L. 290
Planck, M. 99
Playfair, E. 232, 252
Plimmer, R. H. A. 135
Plomer, H. R. 305
Plotinus. 9
Plucknett, F. 302
Plues, M. 205, 206
Plummer, H. C. 160
Pogson, F. L. 9
Poincare, H. 2
Poland, J. 282, 268
Politzer, A. 274
Pollard, A. F. C. 54
—— A. W. 305
—— H. 158
Polley, F. 299
Pollock, C. E. 247
—— W. 88
Pomponazzi, P. 6
Poole, B. W. 302
—— H. E. 111
—— J. 120
—— W. H. 286
Pope, F. G. 131
—— T. H. 137
—— Sir W. J. 164
Poppelwell, W. C. 44, 51, 74, 143
Porritt, B. D. 142
Porter, A. 191
—— A. E. 235
—— A. W. 40, 106
—— B. C. 180
—— C. 234, 237
—— C. T. 82
—— J. 217
—— W. G. 273, 274
Poschl, V. 128
Possnett, V. 304
Potter, M. C. 201, 213
—— S. O. L. 222
—— T. 66
Potts, H. E. 128, 142
—— W. A. 280
Poulsen, A. 66
Poulton, E. B. 189, 195, 196
Powell, A. R. 184
Power, F. D. 171
—— Sir D’A. 247, 261
Powles, H. H. P. 72, 85
Poynting, J. H. 96, 98, 176
Poynton, F. J. 249, 255
Poyser, A. W. 106, 107
Praeger, R. L. 200
Prain, Sir D. 206
Prasad, G. 29
Pratt, A. 206
—— H. B. 95
—— H. K. 82, 85
Prausnitz, C. 274
Preece, Sir W. H. 120
—— W. L. 120
Prendergast, M. 70
Prentice, H. R. 280
Prescott, J. 40
Preston, H. 124
—— T. 35, 99, 101
Price, E. A. 36
—— F. W. 255
—— J. A. P. 242
—— T. S. 130, 131
—— W. 76
—— W. A. 115
Prichard, A. H. 286
Prideaux, E. B. R. 127, 134
—— R. M. 297
Priestley, E. 297
—— J. 3, 4
Priestman, H. 297, 298
Primrose, H. S. 75
—— J. S. G. 75, 154, 155
Pringle, A. 309
—— J. H. 263
Pringle-Pattison, A. S. 7
Pritchard, E. 279
—— J. L. 33
Probyn-Williams, R. J. 263
Procter, H. R. 149
—— R. A. 160, 161
Prost, E. 133
Prothero, R. E. 215
Protheroe, E. 185
Proud, E. D. 311
Pryde, J. 38
Przibram, H. 228
Pull, E. 76, 85
Pullen, W. W. F. 33, 43, 45, 73, 82, 85
Punnett, M. 36
—— R. C. 189, 195
Puppe, J. 73
Purchase, W. R. 63
Furday, H. P. P. 38

351
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purington, C. W. 312</td>
</tr>
<tr>
<td>Purves, A. 157</td>
</tr>
<tr>
<td>Purvis, J. E. 234</td>
</tr>
<tr>
<td>Putsch, A. 144</td>
</tr>
<tr>
<td>Pycraft, W. P. 192</td>
</tr>
<tr>
<td>Pye. 264</td>
</tr>
<tr>
<td>Pye-Smith, P. H. 242</td>
</tr>
<tr>
<td>Quain, Sir R. 222, 243</td>
</tr>
<tr>
<td>Quatrefages, A. de. 197</td>
</tr>
<tr>
<td>Quiggin, A. H. 107</td>
</tr>
<tr>
<td>Quilter, J. H. 300</td>
</tr>
<tr>
<td>Quincke, H. 285</td>
</tr>
<tr>
<td>Radisch, H. E. 223</td>
</tr>
<tr>
<td>Redcliffe, J. W. 301</td>
</tr>
<tr>
<td>Redcliffe-Crocker, H. 284</td>
</tr>
<tr>
<td>Radford, E. M. 22</td>
</tr>
<tr>
<td>—— W. 294</td>
</tr>
<tr>
<td>Radhakrishnan, S. 7</td>
</tr>
<tr>
<td>Raffety, C. W. 105</td>
</tr>
<tr>
<td>Raikes, H. P. 59</td>
</tr>
<tr>
<td>Rainy, H. 244</td>
</tr>
<tr>
<td>Rambaut, A. A. 162</td>
</tr>
<tr>
<td>Rambousek, J. 238</td>
</tr>
<tr>
<td>Ramsay, Sir A. C. 160</td>
</tr>
<tr>
<td>—— A. M. 269</td>
</tr>
<tr>
<td>—— A. R. J. 147</td>
</tr>
<tr>
<td>—— Sir W. 3, 100, 128</td>
</tr>
<tr>
<td>Ramsbottom, A. 243, 255</td>
</tr>
<tr>
<td>Ramsey, A. S. 40, 42, 101</td>
</tr>
<tr>
<td>Rand, B. 13</td>
</tr>
<tr>
<td>Randau, P. 78</td>
</tr>
<tr>
<td>Randles, W. N. 309</td>
</tr>
<tr>
<td>Rankin, D. J. 165</td>
</tr>
<tr>
<td>—— R. 116</td>
</tr>
<tr>
<td>—— W. 294</td>
</tr>
<tr>
<td>Rankine, W. J. M. 43, 49, 73, 82, 90</td>
</tr>
<tr>
<td>Raphael, F. C. 115</td>
</tr>
<tr>
<td>Rapoport, S. 8</td>
</tr>
<tr>
<td>Rastall, R. H. 165, 166, 168, 214</td>
</tr>
<tr>
<td>Rat, J. N. 246</td>
</tr>
<tr>
<td>Rausenberger, F. 158</td>
</tr>
<tr>
<td>Ravenhill, A. 294</td>
</tr>
<tr>
<td>Rawling, L. B. 224, 265</td>
</tr>
<tr>
<td>Rawlley, T. C. 297</td>
</tr>
<tr>
<td>Rawson, C. 147</td>
</tr>
<tr>
<td>Raxworthy, H. C. 272</td>
</tr>
<tr>
<td>Rayleigh, Lord. 96, 99, 103, 105</td>
</tr>
<tr>
<td>Raymond, J. 4</td>
</tr>
<tr>
<td>Raymond-Barker, E. 114</td>
</tr>
<tr>
<td>Rayner, H. 298</td>
</tr>
<tr>
<td>—— M. C. 200</td>
</tr>
<tr>
<td>Raynes, F. W. 59, 60</td>
</tr>
<tr>
<td>Rea, J. T. 63</td>
</tr>
<tr>
<td>—— R. L. 262</td>
</tr>
<tr>
<td>Read, C. 18, 197</td>
</tr>
<tr>
<td>—— C. S. 258</td>
</tr>
<tr>
<td>—— H. H. 164</td>
</tr>
<tr>
<td>Réal, P. 263</td>
</tr>
<tr>
<td>Reaney, M. J. 19</td>
</tr>
<tr>
<td>Redding, J. M. 290</td>
</tr>
<tr>
<td>Redfern, J. B. 117</td>
</tr>
<tr>
<td>Redgrave, G. R. 66</td>
</tr>
<tr>
<td>Redgrove, H. S. 127</td>
</tr>
<tr>
<td>Redmayne, Sir R. A. S. 171, 172</td>
</tr>
<tr>
<td>Redwood, Sir B. 144</td>
</tr>
<tr>
<td>—— I. I. 144</td>
</tr>
<tr>
<td>Reed, F. R. C. 166, 169</td>
</tr>
<tr>
<td>—— H. L. 85</td>
</tr>
<tr>
<td>—— S. J. 89</td>
</tr>
<tr>
<td>—— T. 86</td>
</tr>
<tr>
<td>Reeks, H. C. 295</td>
</tr>
<tr>
<td>Recpen, H. B. 197</td>
</tr>
<tr>
<td>Regan, C. T. 192</td>
</tr>
<tr>
<td>Rehling, M. M. 201</td>
</tr>
<tr>
<td>Reid, Sir A. 247</td>
</tr>
<tr>
<td>—— C. 168</td>
</tr>
<tr>
<td>—— G. 59</td>
</tr>
<tr>
<td>—— Sir G. A. 195</td>
</tr>
<tr>
<td>—— J. A. 62</td>
</tr>
<tr>
<td>Reiser, F. 157</td>
</tr>
<tr>
<td>—— N. 301, 302</td>
</tr>
<tr>
<td>Renssen, I. 124, 130</td>
</tr>
<tr>
<td>Rendle, A. B. 200</td>
</tr>
<tr>
<td>Rennie. 4</td>
</tr>
<tr>
<td>—— J. 185, 200</td>
</tr>
<tr>
<td>Renwick, W. G. 65</td>
</tr>
<tr>
<td>Revis, C. 139</td>
</tr>
<tr>
<td>Rew, Sir R. H. 139, 218</td>
</tr>
<tr>
<td>Reynolds, E. S. 234</td>
</tr>
<tr>
<td>—— O. 21</td>
</tr>
<tr>
<td>—— S. H. 191</td>
</tr>
<tr>
<td>—— W. D. 45</td>
</tr>
<tr>
<td>Rhed, E. L. 153, 157</td>
</tr>
<tr>
<td>Rhodes, H. J. 304</td>
</tr>
<tr>
<td>—— J. E. W. 108</td>
</tr>
<tr>
<td>—— W. G. 113</td>
</tr>
<tr>
<td>Rich, M. A. S. 93</td>
</tr>
<tr>
<td>Ribot, T. 16, 20</td>
</tr>
<tr>
<td>Richards, C. H. 30</td>
</tr>
<tr>
<td>—— P. A. E. 184</td>
</tr>
<tr>
<td>—— W. A. 154</td>
</tr>
<tr>
<td>Richardson, A. 70</td>
</tr>
<tr>
<td>—— C. A. 10</td>
</tr>
<tr>
<td>—— H. 177</td>
</tr>
<tr>
<td>—— J. 82, 88</td>
</tr>
<tr>
<td>—— L. F. 54</td>
</tr>
<tr>
<td>—— O. W. 104, 105</td>
</tr>
<tr>
<td>—— S. S. 107</td>
</tr>
<tr>
<td>—— W. 147</td>
</tr>
<tr>
<td>—— W. G. 266</td>
</tr>
<tr>
<td>Richmond, H. D. 216</td>
</tr>
<tr>
<td>Richter, V. 131</td>
</tr>
<tr>
<td>Rickaby, J. 19, 11</td>
</tr>
<tr>
<td>Ricketts, T. F. 246</td>
</tr>
</tbody>
</table>
Name Index.

Ricks, G. 65
Rideal, E. K. 57, 128, 129, 155
— S. 57, 138, 139
Rider, J. H. 118
Ridgeway, Sir W. 193
Ridgway, A. C. 311
Ridley, H. N. 206, 219
Riemer, J. 172
Riesz, M. 23
Rignano, E. 2
Riley, J. W. 65
— W. J. 62
Rimmer, E. J. 64, 85
Rings, F. 67
Rintoul, W. R. 98
Ripley, W. Z. 197
Ripper, W. 82
Ritchie, A. E. 169
— D. G. 8
— E. G. 49
— J. 195, 229, 240
— L. C. P. 208
— W. T. 254, 255
Rivers, W. C. 250
— W. H. R. 20, 251, 253
Riviere, C. 250, 289
Rivington, 62
Rixon, C. H. L. 252
Robb, A. A. 104
Robert, B. I. 251
Roberts, C. 93
— C. H. 275
— C. W. 86
— F. 226
— F. T. 243
— G. H. 214
— J. 110
— M. E. 302
— R. D. 166
— T. 301
— W. M. 41
Roberts-Austen, Sir W. C. 153
Robertson, A. W. 240
— D. 118
— F. D. S. 213
— G. M. 253
— J. 46
— J. B. 144
— J. M. 8
— L. S. 85
— N. 289
— P. W. 183
— W. 234, 235, 237
— W. F. 254
— W. G. A. 234, 238
Robin, A. 289
Robinson, A. 221
Robinson, A. H. 267
— F. E. 36
— G. D. 277
— G. R. 216
— H. 56
— H. C. 76
— H. P. 308
— J. L. 41, 183
— W. 124, 213
Rohson, A. G. 73, 76
— Sir A. W. M. 248, 256, 266
— J. H. 47
— W. A. 91
Roepke, Dr. 249, 288
Roesler, E. 87
Rogers, A. G. L. 214
— C. C. 208
— F. H. 80
— Sir L. 245, 246
— R. A. P. 11, 33
— W. M. 206
Roget, F. F. 226
Rohland, P. 128
Rohr, M. von. 102
Rolfe-Martia, A. B. 121
Rolleston, G. 224
— Sir H. D. 239, 241, 256
— J. D. 246
Romanes, G. J. 19, 195
Romert, F. 263
Rommer, P. H. 280
Ronaldson, J. H. 165
Rood, O. N. 102
Roper, A. G. 195
Roscoe, Sir H. E. 102, 124, 126, 130
Rose, E. M. 88
— Sir T. K. 155
— W. 261
— W. N. 25
Rosemberg, P. 77
Rosenberg, E. 110
— F. 33
Rosenhain, W. 149, 156
Ross, E. H. 189
— F. W. F. 248
— G. R. T. 10
— J. S. 263, 283
— P. 26
— Sir R. 245, 246
Rossetti, G. A. 46
Roth, P. B. 268
Rothery, G. C. 69
Rothwell, C. F. S. 299
— F. 251
Routhwaite, H. M. 86
Routh, E. J. 40, 41
Rowarth, E. 47

353 cc
Name Index.

Rowe, E. 65
Rowland, A. F. 252
Rowlands, R. P. 261
Rowson, 46
Roxburgh, W. 157
Royds, R. 82
Royle, H. M. 146
Rubencamp, R. 142
Rudd, J. H. 65
— W. A. 48
Ruff, F. 90
Ruge, A. 14
Rugg, W. G. 180, 181, 182
Ruggiero, G. de. 8
Ruhé, A. 10
Ruhmer, E. 121
Russ, C. 247
— S. 105
Russell, A. 113, 114
— A. E. 244
— B. 10, 14, 22
— E. J. 213, 220
— E. S. 186
— H. 189
— I. 178
— J. C. 176
— J. W. 31
— L. J. 14
— R. 248
— T. H. 205
— W. 255
Ruston, A. G. 143, 215
Rutherford, 219
— A. H. 226
— Sir E. 105
Rutley, F. 164, 168
Rutter, W. P. 219
Ryan, J. C. 286
Rye, E. C. 189
Ryland, F. 12, 16
S.Y.K. 88
Saberton, C. 290
Sabine, M. H. 90
Sachs, J. von. 199, 201
Sackur, O. 127
Sadler, H. 160
— W. 216
Sadtler, S. S. 132
Sage, A. R. 62
Sahli, H. 289
Sahni, B. 200
Sainsbury, H. 293
Saker, D. G. 216
Saleeb, C. W. 248
Salisbury, E. J. 199
— R. D. 166, 176
Salmon, G. 33
Salt, P. R. 308
— V. G. 51
Salomens, Sir D. 116
Salter, C. 140, 144, 146, 299
— C. T. C. 183
— W. M. 8
Salvadori, G. 16
Sampson, R. A. 160
Samson, C. G. 62
Samuel, A. M. 192
Sand, H. J. S. 147
Sandeman, E. A. 150
Sanders, C. F. 7
Sanderson, F. W. 42, 107
Sandiford, P. 19
Sandon, F. 25
Sands, D. L. 115
Sanford, P. G. 150
Sankey, H. R. 82, 88
Surgeant, E. W. 56
— F. P. 125
Sargent, A. J. 177
— P. 244, 264
Satterly, J. 96, 99, 107
Saundby, R. 244, 256, 257, 259
Saunders, B. 78
— E. 189
— J. T. 223
Sauvage, E. 83
Savage, Sir G. 253
— W. G. 235
Savill, T. D. 244
Savin, J. 117
Savoa, H. 157
Sawyer, J. E. H. 258
Saxelby, F. M. 25
Saxl, A. 208
Sayers, H. M. 118
Scales, T. S. 196
Scarlett, R. H. 99
Schafer, Sir E. A. S. 222, 223, 226
Scharff, R. F. 185, 193
Schaub, E. L. 20
Scheithauer, W. 144
Schenck, H. 201
Scherer, R. 139
Schiaparelli, G. 159
Scheidowitz, P. 142
Schiller, F. C. S. 14
Schimper, A. F. W. 203
Schindler, K. 67
Schlick, M. 104
Schmidt, H. 138
— O. 193, 195
Schmieden, V. 281
Schnabel, C. 153
Schoeller, W. R. 134

354
Name Index.

Schofield, A. T. 251, 253, 290
Schönland, S. 196
Schooling, W. 214
Schopenhauer, A. 12
Schorlemmer, C. 124
Schott, G. A. 106, 107
Schottelius, M. 230
Schryver, S. B. 135
Schubert, A. 77
Schultz, F. 284
—— G. 147
Schulze, F. 17
Schuster, Sir A. 3, 96, 98, 101, 102
—— E. 194
Schützenberger, Prof. 128
Schwartz, Dr. von. 171
Schwarz, F. H. L. 167, 169
Schweizer, V. 142
Schwendener, S. 196
Scoote, A. G. 190
Scott, A. 156
—— A. A. H. 67
—— C. A. 33
—— D. G. 201
—— D. H. 170, 184, 202, 203
—— H. H. 244
—— J. F. 145
—— L. 214
—— R. F. 27
—— R. H. 162
—— S. R. 205
—— T. B. 243
—— W. 58, 296
—— W. A. 65
—— Mitchell, F. 69
Scripture, E. W. 17
Seabrook, A. H. 144
Séailles, G. A. 7
Searle, A. B. 66, 66, 128, 145, 149
—— G. F. C. 44, 103
Seaton, A. E. 86
—— E. C. 245
Sedgwick, A. 186
Seligmann, T. 142
Sencert, I. 264
Sennett, R. 86
Senter, G. 127, 130
Sequeira, J. H. 284
Seth, J. 8, 12
Sessions, H. 217
Seward, A. C. 2, 170, 195
Sewell, T. 110, 112
Sewill, H. 283
—— J. S. 283
Sexton, A. H. 67, 73, 138, 134, 143
153, 154, 155, 157
Sexton, M. J. 85
Seymour, A. 148
Shakespeare, G. A. 96
Shanahan, E. W. 218
Shand, A. F. 16
Share-Jones, J. T. 295
Sharp, D. 190
—— J. 57, 157
—— P. 298
Sharpe, E. M. B. 190
Shaw, A. H. 58
—— B. 75
—— C. W. 294
—— H. 93
—— J. H. 87
—— N. 209
—— S. 150
—— T. R. 73, 76
—— W. J. 121
—— Sir W. N. 97, 100, 163
—— Mackenzie, J. A. 249
Shelley, C. P. B. 76
Shennan, T. 239
Shenstone, W. A. 130
Shenton, E. W. H. 267
Shepherd, E. C. M. 80
—— J. W. 193
Sheppard, S. E. 127
Shera, A. G. 288
Sherborn, C. D. 185
Sherlock, E. B. 253
Sherren, J. 285
Sherrin, G. C. 80
Sherrington, C. S. 226, 233
Sherwood, G. 215
Shield, W. 54
Shipley, Sir A. E. 3, 185, 186, 190,
191, 196
Shone, I. 59
Shonk, A. 302
Shore, A. 121
—— L. F. 225
Short, A. R. 226, 242, 244, 261
Showell, P. G. 180
Shuckard, W. E. 190
Shuttleworth, G. E. 280
Sibley, W. K. 284
Siddons, A. W. 26, 31, 32, 37, 98
Sidgwick, A. 14
—— H. 8, 12
Silberstein, L. 23, 24, 101, 102, 104
Silk, A. E. 54
—— J. F. W. 263
Sillem, C. 191
Sim, J. 172
—— T. R. 205
Simmonds, C. 138
Name Index.

Simmons, A. T. 97, 176, 177
—— W. H. 141
Simms, F. W. 51
Simon, T. 280
Simpson, F. M. 5
—— W. J. 236, 246
Sindall, R. W. 148
Sivewright, Sir J. 120
Skelton, R. A. and Co. 67
Skinner, M. L. 278
—— W. R. 172
Slack, J. E. 46
Slade, J. H. 42
Slater, A. 158, 215
—— J. A. 313
Slaughter, J. W. 19
Sleeper, M. B. 121
Slessor, H. H. 10
Slingo, Sir W. 107
Sloan, S. 276
Slosson, E. E. 104, 122
Smart, E. 174
—— E. H. 32
Smeaton. 4
Smiles, S. 3
Smith, A. C. 257
—— A. H. 282
—— B. 36, 176
—— C. 20, 32, 33
—— C. A. 44, 82, 88
—— C. F. 113, 115
—— D. 311
—— D. W. 180
—— E. 280
—— E. A. 155, 156, 261, 283
—— E. C. B. 50, 84
—— E. M. 19
—— Sir F. 295
—— F. 264
—— F. J. 234, 238, 244
—— F. J. J. 72
—— G. 185
—— G. E. 197, 253
—— G. F. H. 165
—— G. S. G. 229, 245, 259
—— G. W. 185
—— H. G. 164, 205
—— H. H. 219, 220
—— H. J. S. 21
—— J. C. 69, 142
—— J. H. 26, 32, 35, 36, 99, 129, 214
—— J. S. K. 256, 268
—— L. F. 264
—— P. C. 252
—— P. H. P. 242
—— R. E. B. 308
Smith, R. H. 28, 33, 46, 82
—— S. 151
—— S. P. 112, 113
—— S. W. 153
—— T. A. 73
—— T. B. 145
—— T. G. 88
—— T. S. 311
—— W. 302
—— W. G. 197
—— W. H. 48, 89
—— W. J. 213, 244
Smyth, W. H. 159
Smythc, J. A. 155
—— R. H. 295, 296
Smith, G. L. 179
Snell, Sir J. F. C. 73
Snowball, T. 270
Snowman, J. 244
Soddy, F. 2, 103, 105
Sohn, C. E. 135, 286
Solereder, H. 203
Sollas, H. 167
Solsn-Laubach, G. 170
Solomon, H. G. 115
—— M. 117
Solenoms, B. 275
Somereoseas, A. N. 86, 87
Somerville, W. 211
Sommerville, D. 234
—— D. M. Y. 34
Sonder, O. W. 205
Sorapure, V. E. 244
Sorley, W. R. 6, 8, 12, 13
Sornay, P. de. 220
Sorsbie, R. F. 166
Sothern, J. W. M. 87, 89, 143
—— R. M. 87
Soudille, Dr. 273
Souster, E. G. W. 311
South, R. 190
Southall, W. 292
Southcombe, J. E. 141
Southern's, L. 98
Southward, J. 305
Souttar, H. S. 251
Sothlet, D. H. 147
Spackman, C. 66
Spaignt, J. M. 91
Spanton, J. H. 48
Sparrow, F. W. 308
Spencer, A. S. 67
—— H. 3, 4, 11, 12, 16, 20, 311
—— J. F. 127, 130
—— L. J. 164
—— C. G. 264
—— W. G. 261

356
<table>
<thead>
<tr>
<th>Name Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spencer, Browne, H.</td>
</tr>
<tr>
<td>Spielmann, P. E.</td>
</tr>
<tr>
<td>Spiers, F. S.</td>
</tr>
<tr>
<td>Spikes, W. H.</td>
</tr>
<tr>
<td>Spitta, E. J.</td>
</tr>
<tr>
<td>Spon.</td>
</tr>
<tr>
<td>Spooner, H. J.</td>
</tr>
<tr>
<td>Sprague, E. H.</td>
</tr>
<tr>
<td>— J. T.</td>
</tr>
<tr>
<td>Sprawson, C. A.</td>
</tr>
<tr>
<td>Sprigge, S. S.</td>
</tr>
<tr>
<td>Springett, B. H.</td>
</tr>
<tr>
<td>Squire, J. R.</td>
</tr>
<tr>
<td>— Sir P. W.</td>
</tr>
<tr>
<td>Stace, W. T.</td>
</tr>
<tr>
<td>Stacey, W. F.</td>
</tr>
<tr>
<td>Staig, R. A.</td>
</tr>
<tr>
<td>Stainton, H. T.</td>
</tr>
<tr>
<td>Stallo, J. B.</td>
</tr>
<tr>
<td>Standage, H. C.</td>
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<tr>
<td>Stanford, R. V.</td>
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<tr>
<td>Stanley, H.</td>
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<tr>
<td>— R.</td>
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<tr>
<td>Stansbie, J. H.</td>
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<tr>
<td>Stanton, W. F.</td>
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<tr>
<td>Stark, A. C.</td>
</tr>
<tr>
<td>Starling, E. H.</td>
</tr>
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<td>— S. G.</td>
</tr>
<tr>
<td>Startin, J.</td>
</tr>
<tr>
<td>Staveley, E. F.</td>
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<tr>
<td>Stead, J. E.</td>
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<tr>
<td>Stebb!ng, E. P.</td>
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<tr>
<td>— F. C.</td>
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<tr>
<td>— L. S.</td>
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<tr>
<td>— T. R. R.</td>
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<tr>
<td>Stedman, T. L.</td>
</tr>
<tr>
<td>Steel, J. H.</td>
</tr>
<tr>
<td>Steele, J. C.</td>
</tr>
<tr>
<td>— J. E.</td>
</tr>
<tr>
<td>— W. J.</td>
</tr>
<tr>
<td>Steenbeck, W. H.</td>
</tr>
<tr>
<td>Steinheil, A.</td>
</tr>
<tr>
<td>Stelfox, S. H.</td>
</tr>
<tr>
<td>Stenhouse, E.</td>
</tr>
<tr>
<td>Step, E.</td>
</tr>
<tr>
<td>Stephen, D. J.</td>
</tr>
<tr>
<td>— G. A.</td>
</tr>
<tr>
<td>— Sir L.</td>
</tr>
<tr>
<td>Stephens, H.</td>
</tr>
<tr>
<td>— J. W. W.</td>
</tr>
<tr>
<td>Stephenson, C.</td>
</tr>
<tr>
<td>— G.</td>
</tr>
<tr>
<td>Stephensons</td>
</tr>
<tr>
<td>Stern, H. A.</td>
</tr>
<tr>
<td>Sternberg, G. M.</td>
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<tr>
<td>Steven, E. M.</td>
</tr>
<tr>
<td>Stevens, F. H.</td>
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<tr>
<td>— H. B.</td>
</tr>
<tr>
<td>— H. P.</td>
</tr>
<tr>
<td>— T. G.</td>
</tr>
<tr>
<td>— W. M.</td>
</tr>
<tr>
<td>Steyenson, Sir T.</td>
</tr>
<tr>
<td>— W.</td>
</tr>
<tr>
<td>Stewart, A. M.</td>
</tr>
<tr>
<td>— A. W.</td>
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<tr>
<td>— B.</td>
</tr>
<tr>
<td>— D.</td>
</tr>
<tr>
<td>— G.</td>
</tr>
<tr>
<td>— G. N.</td>
</tr>
<tr>
<td>— H. L.</td>
</tr>
<tr>
<td>— I.</td>
</tr>
<tr>
<td>— J.</td>
</tr>
<tr>
<td>— J. M’K.</td>
</tr>
<tr>
<td>— Sir J. P.</td>
</tr>
<tr>
<td>— R. W.</td>
</tr>
<tr>
<td>Stieglitz, J.</td>
</tr>
<tr>
<td>Still, A.</td>
</tr>
<tr>
<td>— G. F.</td>
</tr>
<tr>
<td>Stirling, W.</td>
</tr>
<tr>
<td>Stobbs, T.</td>
</tr>
<tr>
<td>Stock, C. H.</td>
</tr>
<tr>
<td>Stockbridge, F. P.</td>
</tr>
<tr>
<td>Stockl, A.</td>
</tr>
<tr>
<td>Stockman, R.</td>
</tr>
<tr>
<td>Stocks, H. B.</td>
</tr>
<tr>
<td>Stoddart.</td>
</tr>
<tr>
<td>— W. H. B.</td>
</tr>
<tr>
<td>Stokes, Sir G. G.</td>
</tr>
<tr>
<td>— R.</td>
</tr>
<tr>
<td>— R. S. G.</td>
</tr>
<tr>
<td>Stone, G.</td>
</tr>
<tr>
<td>— G. de H.</td>
</tr>
<tr>
<td>— H.</td>
</tr>
<tr>
<td>Stoneman, B.</td>
</tr>
<tr>
<td>Stoney, J.</td>
</tr>
<tr>
<td>Stopes, M. C.</td>
</tr>
<tr>
<td>Stopford-Taylor, G.</td>
</tr>
<tr>
<td>Storey, F. W.</td>
</tr>
<tr>
<td>Storring, C.</td>
</tr>
<tr>
<td>Story-Maskelyne, N.</td>
</tr>
<tr>
<td>Stout, G. F.</td>
</tr>
<tr>
<td>Strachan, H.</td>
</tr>
<tr>
<td>Strachey, Sir R.</td>
</tr>
<tr>
<td>Strange, W. L.</td>
</tr>
<tr>
<td>Strangeway, Sir R.</td>
</tr>
<tr>
<td>Strangeways, T. S. P.</td>
</tr>
<tr>
<td>Strasburger, E.</td>
</tr>
<tr>
<td>Stratford, E. Wingfield-</td>
</tr>
<tr>
<td>Stratton, C. R.</td>
</tr>
<tr>
<td>Stratton, G. M.</td>
</tr>
<tr>
<td>Stretton, C. E.</td>
</tr>
<tr>
<td>Strickland, F.</td>
</tr>
</tbody>
</table>
Name Index.

Stromeyer, C. E.  85
Strong, C. A.  16
— T. B.  2
Struben, A. M. A.  183
Strutt, E. G.  214
Stuart, A. H.  24, 72
— Low, W.  273
Sturch, F.  65
Sturge, M. D.  251
Sturridge, E.  282, 283
Sturrock, W. D.  234
Sturt, H.  14
Sudborough, J. J.  131
Suddards, F.  300
Suess, E.  107
Suffit, C.  246
Sutting, E. R.  150
Suggate, A.  50
Sully, J.  16, 19, 20
Summer, P. H.  95
Summers, A. L.  145, 165
Supino, G.  88
Suplee, H. H.  89
Sutcliffe, G. L.  66
— J. A. L.  141
Sutherland, G. A.  255, 281, 286
— W. D.  238
— W. G.  291
Sutton, F.  134
— Sir J. B.  232, 260, 267, 275
Svedberg, T.  128
Swaine, A. T.  107
— W.  101
Swainston, C. M.  181, 182
Swallow, M. G. S.  89
Swan, K. R.  1
Swanton, E. W.  190, 204
Swanwick, F. T.  85
Swanzy.  270
Swayne, J. G.  277
— W. C.  277
Sweet, H.  13
Swietochowski, G. De.  285
Swift, H. B.  119
Swinburne, J.  82
Swinhoe, C.  189, 190
Swintron, A. J.  91
Sylvencnham, Lord.  158
Sykes, W. J.  138
Sylvester, C.  94, 112, 114, 118
— J. J.  21
Sym, W. G.  269, 270, 271
Syme, S. G.  273
— W. S.  273
Symington, J.  222
Symmers, W. St. C.  230
Symonds, M.  302
Taggart, W. S.  298, 301, 302
Tallifer, L.  300
Tait, J.  181, 182, 227
— P. G.  7, 21, 22, 23, 41
Talbot, F. A.  71, 95, 144, 309
Tancock, E. O.  160
Tanner, A. E.  219
— H.  212
Tansley, A. G.  18
Tanzi, E.  254
Tarlton, F. A.  24, 42
Tatlow, J.  4
Taylor, A. J. W.  52, 74, 82, 88, 209
Taylor, A.  234
— A. E.  11, 12
— A. S.  238
— A. T.  83
— E. G. R.  177
— E. H.  222, 261
— Sir F.  243
— F. G.  29
— F. N.  50, 57, 59
— G.  75, 163, 179
— G. G. S.  289
— G. S.  288
— H. G.  73
— H. S.  128, 143
— J.  132, 281
— J. E.  40
— J. T.  299, 308
— S.  103
— T.  46
— W.  308
— W. T.  115
— W. W.  126, 128
Teago, F. J.  109
Teeed, P. L.  130
Teetgen, A. B.  219
Telford.  4
Terry, C. W.  65
— H. L.  142
Thatcher, E.  77
Thearle, S. J. P.  71
Theobald, F. V.  190, 214, 248
Thesing, C.  184
Thibierge, G.  247
Thilly, F.  8
Thiselton-Dyer, Sir W. T.  205, 206
Thoday, D.  201
Thoinot, L. H.  230
Thole, F. B.  123, 127, 181, 183
Thomälen, A.  110
Thomas, E. M.  201
— G. H.  91
— H. H.  169
— J.  132
— J. B.  71

358
## Name Index

<table>
<thead>
<tr>
<th>Name</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thomas, P.</td>
<td>134</td>
</tr>
<tr>
<td>W. N.</td>
<td>51</td>
</tr>
<tr>
<td>Thompson, A.B.</td>
<td>169</td>
</tr>
<tr>
<td>A. W. H.</td>
<td>30</td>
</tr>
<tr>
<td>C. J. S.</td>
<td>292</td>
</tr>
<tr>
<td>D'A. W.</td>
<td>187</td>
</tr>
<tr>
<td>H.</td>
<td>76, 295</td>
</tr>
<tr>
<td>H. G.</td>
<td>4</td>
</tr>
<tr>
<td>H. S.</td>
<td>206</td>
</tr>
<tr>
<td>J. S.</td>
<td>4</td>
</tr>
<tr>
<td>R. F. M.</td>
<td>193</td>
</tr>
<tr>
<td>R. L.</td>
<td>178</td>
</tr>
<tr>
<td>T.</td>
<td>110</td>
</tr>
<tr>
<td>Sir W. H.</td>
<td>286</td>
</tr>
<tr>
<td>Thomsen, C. F.</td>
<td>158</td>
</tr>
<tr>
<td>J.</td>
<td>128</td>
</tr>
<tr>
<td>Thomson, A.</td>
<td>224, 261, 270</td>
</tr>
<tr>
<td>A. L.</td>
<td>192</td>
</tr>
<tr>
<td>G.</td>
<td>59</td>
</tr>
<tr>
<td>G. H.</td>
<td>17</td>
</tr>
<tr>
<td>G. P.</td>
<td>93</td>
</tr>
<tr>
<td>G. S.</td>
<td>216</td>
</tr>
<tr>
<td>H. C.</td>
<td>251</td>
</tr>
<tr>
<td>H. H.</td>
<td>250</td>
</tr>
<tr>
<td>H. T.</td>
<td>263</td>
</tr>
<tr>
<td>J.</td>
<td>96, 281, 191, 194, 195, 196</td>
</tr>
<tr>
<td>J. A. 2, 4, 5, 184, 185, 187, 198, 201, 205, 206</td>
<td></td>
</tr>
<tr>
<td>J. A. K.</td>
<td>8</td>
</tr>
<tr>
<td>J. B.</td>
<td>22</td>
</tr>
<tr>
<td>J. H.</td>
<td>144</td>
</tr>
<tr>
<td>Sir J. J.</td>
<td>98, 104, 108, 128</td>
</tr>
<tr>
<td>M.</td>
<td>196</td>
</tr>
<tr>
<td>S.</td>
<td>243</td>
</tr>
<tr>
<td>Sir St. C.</td>
<td>273</td>
</tr>
<tr>
<td>W.</td>
<td>219</td>
</tr>
<tr>
<td>Thorburn, A.</td>
<td>192, 193</td>
</tr>
<tr>
<td>Thorn, W. H.</td>
<td>84</td>
</tr>
<tr>
<td>W. T.</td>
<td>87</td>
</tr>
<tr>
<td>Thorne, L. T.</td>
<td>255</td>
</tr>
<tr>
<td>P. C. L.</td>
<td>137</td>
</tr>
<tr>
<td>W. B.</td>
<td>255</td>
</tr>
<tr>
<td>Thornley, T.</td>
<td>298, 301</td>
</tr>
<tr>
<td>Thornton, A.</td>
<td>40, 184</td>
</tr>
<tr>
<td>J.</td>
<td>176, 184, 227</td>
</tr>
<tr>
<td>Thorp, E. L.</td>
<td>300</td>
</tr>
<tr>
<td>J.</td>
<td>305</td>
</tr>
<tr>
<td>Thorpe, J. F.</td>
<td>147</td>
</tr>
<tr>
<td>Sir T. E.</td>
<td>4, 122, 126, 133, 137</td>
</tr>
<tr>
<td>W. H.</td>
<td>50</td>
</tr>
<tr>
<td>Threlfall, H.</td>
<td>51</td>
</tr>
<tr>
<td>Thresh, J. C.</td>
<td>235</td>
</tr>
<tr>
<td>Thrift, W. E.</td>
<td>101</td>
</tr>
<tr>
<td>Thurston, A. P.</td>
<td>93</td>
</tr>
<tr>
<td>C. B.</td>
<td>177</td>
</tr>
<tr>
<td>Thursfield, J. H.</td>
<td>280</td>
</tr>
<tr>
<td>M.</td>
<td>239</td>
</tr>
<tr>
<td>Tibbetts, T. M.</td>
<td>232</td>
</tr>
<tr>
<td>Tibbles, W.</td>
<td>189, 286</td>
</tr>
<tr>
<td>Tidy, H. L.</td>
<td>243</td>
</tr>
<tr>
<td>Tiffany, F.</td>
<td>209</td>
</tr>
<tr>
<td>Tilden, Sir W. A.</td>
<td>122, 124, 126</td>
</tr>
<tr>
<td>Tilley, H.</td>
<td>273</td>
</tr>
<tr>
<td>Tillyard, R. J.</td>
<td>190</td>
</tr>
<tr>
<td>Timberg, R.</td>
<td>287</td>
</tr>
<tr>
<td>Timiriazeff, C. A.</td>
<td>203</td>
</tr>
<tr>
<td>Tims, H. W. M.</td>
<td>282</td>
</tr>
<tr>
<td>Tinel, J.</td>
<td>251</td>
</tr>
<tr>
<td>Tinker, F. S.</td>
<td>249</td>
</tr>
<tr>
<td>Tinkler, C. K.</td>
<td>137, 144</td>
</tr>
<tr>
<td>Tinney, W. H.</td>
<td>173</td>
</tr>
<tr>
<td>Tirard, N. I. C.</td>
<td>285</td>
</tr>
<tr>
<td>Tisdale, C. W. W.</td>
<td>216</td>
</tr>
<tr>
<td>Titchener, E. B.</td>
<td>7, 12, 17, 18</td>
</tr>
<tr>
<td>Titherley, A. W.</td>
<td>181</td>
</tr>
<tr>
<td>Tod.</td>
<td>86, 87</td>
</tr>
<tr>
<td>F. H.</td>
<td>274</td>
</tr>
<tr>
<td>Todd, A. H.</td>
<td>262, 281</td>
</tr>
<tr>
<td>J.</td>
<td>182, 219</td>
</tr>
<tr>
<td>T. W.</td>
<td>244</td>
</tr>
<tr>
<td>Toderovich, G.</td>
<td>312</td>
</tr>
<tr>
<td>Todhunter, I.</td>
<td>29, 34, 36, 44</td>
</tr>
<tr>
<td>Tognoli, E.</td>
<td>133</td>
</tr>
<tr>
<td>Tolkowsky, M.</td>
<td>101</td>
</tr>
<tr>
<td>Tomes, C. S.</td>
<td>282, 283</td>
</tr>
<tr>
<td>Sir J.</td>
<td>283</td>
</tr>
<tr>
<td>Tomkinson, C. W.</td>
<td>215</td>
</tr>
<tr>
<td>Tompkins, A. E.</td>
<td>87</td>
</tr>
<tr>
<td>Tonge, J.</td>
<td>145, 172</td>
</tr>
<tr>
<td>Toovey, T. W.</td>
<td>217</td>
</tr>
<tr>
<td>Topham, J.</td>
<td>313</td>
</tr>
<tr>
<td>W. H.</td>
<td>25</td>
</tr>
<tr>
<td>Topley, W. W.</td>
<td>240, 307</td>
</tr>
<tr>
<td>Torr, C.</td>
<td>71</td>
</tr>
<tr>
<td>Torrens, J.</td>
<td>244</td>
</tr>
<tr>
<td>Torrey, J.</td>
<td>142</td>
</tr>
<tr>
<td>Torrillion, G. L.</td>
<td>142</td>
</tr>
<tr>
<td>Townsend, C. F.</td>
<td>308</td>
</tr>
<tr>
<td>F.</td>
<td>207</td>
</tr>
<tr>
<td>J. S.</td>
<td>104</td>
</tr>
<tr>
<td>Tozer, H. F.</td>
<td>175</td>
</tr>
<tr>
<td>Trail, T. W.</td>
<td>85</td>
</tr>
<tr>
<td>Traube, M. R.</td>
<td>18</td>
</tr>
<tr>
<td>Travis, F.</td>
<td>53</td>
</tr>
<tr>
<td>Tredgold, A. F.</td>
<td>254</td>
</tr>
<tr>
<td>Treiber, T.</td>
<td>75</td>
</tr>
<tr>
<td>Treves, Sir F.</td>
<td>222, 261</td>
</tr>
<tr>
<td>Trewman, H. F.</td>
<td>118</td>
</tr>
<tr>
<td>Triggs, H. I.</td>
<td>68</td>
</tr>
<tr>
<td>Trimble, C. J. A.</td>
<td>25</td>
</tr>
<tr>
<td>Trinks, W.</td>
<td>82</td>
</tr>
<tr>
<td>Trotman, S. R.</td>
<td>149, 300</td>
</tr>
</tbody>
</table>
Trotter, A. P. 60
—— L. B. C. 255
—— W. 20
Trouessart, E. L. 230
Truscott, S. J. 165, 174
Tubby, A. H. 261, 268
Tüber, C. von. 213
Tuck, G. L. 246
Tucker, R. 21
—— T. G. 13
Tuckey, C. L. 290
—— C. O. 33, 41
Tudsbery, J. H. T. 57
Tunzelmann, G. W. de. 108
Turkey, H. 13
Turnbull, A. 2, 261
—— W. 299
Turner, A. L. 4, 273, 274
—— C. C. 91
—— D. 105, 200
—— G. C. 23, 25
—— H. 298
—— H. H. 104, 160, 161
—— H. W. 111
—— L. B. 121
—— P. 224, 261, 267
—— T. 153, 154, 157
—— Sir W. 4
—— W. 262
—— W. E. S. 128, 129
Tutt, J. W. 190
Tutton, A. E. H. 164
Tweedie, E. H. 277
Twelvetrees, W. N. 62, 67
Twining, E. W. 251
Twiss, D. F. 131
Twork, F. W. 296
Tyler, R. A. 124
Tyndall, J. 4, 168
Úgarte, J. P. 219
Upecott, H. 263
Underwood, A. B. G. 282
—— A. S. 282, 283
Unstead, J. F. 175, 177
Unwin, A. H. 209
—— P. W. 32
—— R. 68
—— W. C. 38, 48, 55
Urquhart, J. W. 116, 117
Urwick, E. J. 12
Usborne, P. O. G. 50
Usherwood, T. S. 25
Usill, G. W. 51
Valentin, W. G. 124
Valentine, C. W. 18
—— E. J. 171
Vallack, A. S. 263
Vallely-Radot, R. 4
Van Hall, C. J. J. 219
Van Liew, C. C. 18
Van 't Hoff, J. H. 126, 127
Varisco, B. 11
—— P. 16
Vassall, A. 98
Vaughaun, D. T. G. 198
Vendelmann, H. 220
Venn, J. 14
Verdon, W. 255
Vermuyden. 3
Vernon, A. 215
—— H. M. 195
—— Harcourt, L. F. 50, 55, 59
Vickerman, C. 298
Villa, G. 17
Villamil, R. De. 42, 92, 103
Villavecchia, V. 137
Ville, G. 220
Vinall, J. W. T. 179
Vineent, C. 151
—— H. 246
—— R. 279
—— S. 227
Vines, S. H. 199, 201
Vittoz, R. 252
Vogel, E. 308
—— H. 307
Vogt, J. H. L. 165
Voit, E. 102
Vries, D. De. 75
—— H. D. 194
Vulpius, O. 281
Wabner, R. 173
Waddington, V. 287
Wade, C. F. 85
—— J. 131
—— W. L. 95
Wadia, D. N. 169
Wadmore, J. M. 127
Waële, A. de. 141
Waggett, E. B. 274
Wagner, E. 235
—— P. A. 174
—— R. 137
Wagstaff, C. J. L. 103
Wahl, A. 147
Wakefield, S. 298
Wake, R. 65
Waldo, F. 163
Walford, E. W. 80
Walkden, S. L. 93
Walker, A. H. 235
—— C. 156
—— C. E. 17
—— E. W. A. 241
Name Index.

Walker, G. T. 108
— G. W. 167
— J. 101, 125, 128, 130
— J. W. T. 266
— L. 302
— L. J. 8
— M. 112
— N. 284
— S. F. 85, 116, 117, 173
— W. J. 92, 94
— W. M. 151
— Tisdale, C. W. 216
Wall, E. J. 308
Wallace, A. R. 3, 107, 193, 196
— C. 265
— Sir C. S. 266
— J. 52, 94
— J. S. 279, 281, 282, 286
— W. M. 55
Wallas, G. 20
Waller, A. D. 227
— H. E. 289
Walley, J. T. 39, 236
Wallis, B. C. 175, 177, 178
— C. E. 282
— F. 111
— Sir F. C. 266
— Budge, Sir E. A. 231
— Tayler, A. J. 52, 74, 82, 88, 209
Walsmsley, R. M. 111
— T. 222
Walsh, D. 284, 289
— J. J. 232
Walshan, H. 250, 289
Walsingham, Lord. 190
Walston, Sir C. 12
Walter, A. F. 182
— K. 299
Walters, F. B. 31
— F. R. 250, 251
Walton, A. J. 283
— T. 71
Wang, C. Y. 155, 169
Wanhill, C. F. 232
Wanklyn, W. 246
Wansbrough, W. D. 29, 83, 84, 85
Warburton, C. 190
Ward, E. 206
— F. 185
— H. 121
— H. M. 207, 209, 213
— J. 10, 17, 196
— S. 12
Warden, A. A. 232, 289
Wardt, R. G. de. 119
Waring, E. J. 292
Waring, H. J. 262
Warington, R. 220
Warming, E. 201, 203
Warn, R. H. 77
Warnes, A. R. 145
Warrell, C. 220
Warren, A. G. 82
— E. J. 308
— R. 261
— W. H. 50
Warwick, F. J. 291
Washbourn, J. W. 245
Washburn, M. F. 12
Wasmann, E. 196
Watkins, A. 308
Watson, B. P. 275, 276, 277
— D. 246, 247
— D. C. 244
— E. R. 127
— G. N. 23
— G. W. 80
— H. S. 50
— H. W. 100
— J. 48, 66, 78, 213
— J. K. 247, 278, 294
— T. H. 71
— W. 98, 217, 300
Watt, 4
— A. 119, 141, 148, 149
— Sir. G. 219
— H. J. 17, 103
Watts, 126
— F. 20, 212
— H. C. 93
— W. M. 102, 207
— W. W. 167
Weatherburn, C. E. 24
Weatherhead, R. 161
Webb, A. D. 38
— C. C. J. 8
— E. 17
— H. J. 212
— J. C. 290
— S. 5
— T. W. 160
— W. 68
— W. M. 191
— Johnson, A. E. 246
Webber, E. 313
— F. C. 65
— W. H. Y. 146
Weber, A. 8
— C. O. 142
— Sir H. 250, 289
Webster, A. D. 209, 210
Weeks-Shaw, C. 294
Weigall, A. G. 212
Name Index.

Weininger, O. 18
Weisbach, J. 50, 74
Weismann, A. 196
Weiss, F. E. 213
—— R. 240
Welby, F. A. 3, 226, 227
Wellington, R. H. 238
Wells, G. C. 51
—— G. J. 88
—— H. G. 187
—— P. A. 65
—— S. H. 40, 48
Welton, J. 14
Wenyon, C. M. 259
Werner, L. 270
Wertheim, E. 276
West, C. E. 265, 269
—— F. W. 53
—— G. 300
—— G. S. 204
—— M. 19
—— S. 256
Westaway, F. W. 2
Westcott, G. J. B. 28
—— W. W. 288, 292
Westell, W. P. 185, 192, 193, 201
Westermarck, E. 11
Westinghouse, G. 3
Westland, A. 278
Weston, F. E. 133, 140
—— H. C. 147
Whale, G. 95
—— H. L. 265, 269
Whall, C. W. 150
—— W. B. 181, 182, 183
Wharton, Sir W. J. L. 183
Wheatley, O. 66
Wheeler, 242
—— O. 308
—— R. V. 144
—— Sir W. I. de C. 262
Wheen, C. W. 54
Whellens, W. H. 210
Whetton, W. C. D. 96, 108, 128
Whewell, W. 21
Whinyates, L. 125
Whipham, T. R. C. 281
Whitaker, J. R. 221, 224
Whitby, G. S. 142
White, B. 155
—— C. P. 267
—— C. G. 91
—— G. M. 60
—— G. T. 73
—— H. A. 155
—— H. G. 117, 120
—— H. J. 71
White, J. R. 267
—— J. W. 207
—— R. P. 250, 284
—— T. H. 80
—— Sir W. H. 201, 293
—— W. H. 98, 257
—— W. L. 60
Whitehead, A. N. 2, 8, 22, 27, 30, 82
—— S. E. 146
Whitehead, J. 51
Whitelegg, Sir A. 234
Whiteley, R. L. 126, 130
Whitlocke, R. H. A. 267
Whitfield, A. 284
Whitting, A. J. 244
Whitha, J. A. 292
—— Sir W. 243, 285, 291
Whitney, W. D. 13
Whittaker, C. M. 148
—— C. R. 198, 221, 222, 224, 227, 200, 261
—— E. T. 23, 41, 102
—— T. 8, 12
—— W. E. de B. 80
Whitwam, J. H. 302
Whymper, R. 139
Wibberley, T. 212
Wickham, H. A. 220
—— L. 289
Widdowson, T. W. 282, 283
Widgery, A. G. 11
Wight, J. T. 42
Wigley, T. B. 78
Wilcockson, W. H. 165
Wilcox, E. V. 235
Wilda, H. 74, 89
Wildgoose, A. 73
Wilkes, W. H. 182
Wilkinson, M. E. 302
—— W. T. 305
Willcocks, Sir W. 55
Williams, A. 307
—— G. 182, 264
—— H. E. 132
—— H. W. 305
—— J. 83
—— L. 243
—— M. M. 212
—— M. V. 11
—— P. W. 274
—— R. J. P. 263
—— W. 296
—— Ellis, C. 65
Williamson, A. P. W. 181, 182
—— B. 29, 42
—— H. 52, 258

362
Name Index.

Williamson, J. 51, 67
—— J. G. 311
—— R. T. 252
Willis, J. C. 207, 212
—— M. 200
—— S. J. 121
Willoughby, E. F. 216, 234
—— W. G. 240
Willows, R. S. 98, 128
Wilmore, A. 178
Wilson, E. 118
—— F. H. 172
—— F. J. 126
—— H. 78
—— H. A. 98, 104
—— H. M. 137
—— H. R. 53
—— H. W. 238, 260
—— J. 196, 217
—— J. C. 31
—— N. J. 114
—— O. S. 100
—— R. M. 244, 310
—— R. McN. 255
—— S. 119
—— T. S. 255
—— Barker, Sir D. 181, 182
Wimperis, H. E. 80, 89, 94,
Winchester, C. 92
Windellband, W. 14
Windle, Sir B. C. A. 224
Wingfield, H. 252
—— H. E. 290
—— Stratford, E. 17
Wingrave, W. 274
Winn, W. 210
Winterbottom, J. 302
Witkowski, 282
Witthaus, R. A. 125
Wodhouse, E. 11
Wohlgemuth, A. 17
Wolf, A. 14
Wolf, C. E. 83
—— H. W. 212, 215
—— Eisner, A. 251, 288
Wollaston, T. V. 191
Wolstenholme, J. 22, 37
Wood, A. 103
—— C. A. 176
—— F. 52, 59
—— Sir H. T. 5
—— J. 215
—— J. K. 148
—— J. T. 149
—— L. E. 112
—— P. W. 30
—— T. B. 189, 218, 217, 218
Wood, W. Q. 263
Wood-Jones, F. 191
Woodall, H. 146
Woodburn, W. 36
Woodcock, W. H. 66
Woodhead, Sir G. S. 230, 240
—— S. A. 213
—— T. W. 201
Woodhouse, T. 297, 299, 300, 302
Woodnutt, W. E. 216
Woodroffe, J. F. 220
Woodruff, H. A. 218
Woods, H. 170
—— R. J. 44, 45
Woodward, B. B. 191
—— C. J. 38
—— H. B. 167, 168, 169
—— W. H. 5
Woodwark, A. S. 243, 294
Wooll, C. H. 101
Woollard, L. 71
Woolastone, T. R. 73
Woollatt, G. H. 130
Wootten, A. C. 291
—— W. O. 165
Wordingham, C. H. 111
Workman, W. P. 31, 36, 37, 38
Worster-Drought, C. 245
Worth, C. A. 271
Worthington, A. M. 42
Wright, E. A. 156
Wrapson, J. P. 38
Wren, H. 182
Wrench, G. T. 277, 278
Wrey, C. 212
Wright, A. C. 69, 136, 141, 147
—— Sir A. E. 197, 230, 246, 288
—— A. W. O. 253
—— C. O. 48
—— C. A. 141
—— G. F. 168, 197
—— H. 245, 246
—— H. E. 138
—— H. T. 311
—— J. 115
—— J. E. 27
—— K. M. 201
—— L. 102, 197
—— M. R. 98, 99
—— R. S. 102
—— W. 222
—— W. B. 168
Wrightson, J. 212
—— Sir T. 274
Wryde, J. S. 71
Wu Lien-Teh. 246
Wundt, W. M. 12, 17, 18, 20
Name Index.

Wurtz, Prof. 128
Wyatt, H. 80
Wylie, A. M. 172
—— J. G. 252, 267
—— J. A. 248
Xydis, C. 51
Yarr, Sir M. 270
Yates, R. F. 77, 130
Yealham, L. R. 253
Yeaman, C. H. 111
Yearsley, M. 188, 274
Yeo, I. R. 285, 287
Yonge, E. S. 273, 274
Yorke, J. P. 98
Youatt, W. 217
Young, A. 27
—— A. P. 111, 118
—— A. W. 44
—— C. 63
—— C. A. 161
—— E. 177
—— E. W. 50
—— F. 80

Young, G. C. 23
—— H. 279
—— J. 228
—— J. E. 115
—— J. W. A. 22
—— M. 281
—— R. B. 174
—— S. 128
—— W. H. 23, 26,
—— W. J. 296.
Younger, E. G. 254
Youngson, P. 84, 87
Yule, G. U. 38.
Zechnsdorf, J. W. 305
Zander, E. 287
Zeeman, P. 102
Zeidler, J. 117
Zeller, E. 8
Zerr, G. 142, 148
Ziehen, T. 18
Zimmern, A. 244
Zimmer, G. F. 74
Zittel, K. A. von. 167, 170
SUBJECT INDEX.

Abdomen, Diseases of the, 258—Surgery of the, 265
Accumulators, Electric, 116
Acetylene, 59, 143
Acids, 150
Acoustics for Musicians, 103
Adhesives, 139
Aerated Waters, 137
Aerial Navigation, 94
Aero Engines, 94
Aerofoils, 93
Aeronautics, 91 et seq.
Aeroplanes, 91 et seq.
—Design and Construction, 93
Aesthetics, 12
Afforestation; 208 et seq.
Agglutinants, 130
Agriculture, 211 et seq.
Aircraft, 91 et seq.
Air Gas, 59
Air Screws, 93
Airships, 95
Air Sickness, 255
Alcohol, 137
Alcoholometric Tables, 126
Algae, 203
Algebra, 25, 26, 27
Alkalies, 150
Alloys, Non-Ferrous, 154
Alternating Current (Electrical Engineering), 112, 113, 114
Aluminium, 155
Ammonia, 145, 151
Amputations, 206
Anaesthetics, 202, 282, 283
Analysis:
 Air, 100
 Chemical, 132 et seq., 213
 Food, 235
 Gas, 146
 Metallurgical, 156
 Spectrum, 102
 Water, 234
Analytical Chemistry, 132
Anatomy, 221 et seq.
—Dental, 282
—Veterinary, 295
Ancient Lights, Questions affecting, 62
Animal Biology, 186
—Geography, 193
—Husbandry, 215
—Life, 187
—Mind, 19
—Portraiture, 185
—World, 185
Animals, Anatomy of, 224
Animate Nature, The system of, 2
Anthracite, 144
Anthropology, 197
Antimony, 131, 155
Antiseptic, 263
Ants, 187, 189
Appendicitis, 265, 266
Arbitration (Building), 63
Arc Lamps, 59, 117
Arches, 49, 50
Archimedes, Method and Works of, 22
Architecture, 4, 48, 58, 61, 62, 70, 71
Arithmetic, 21, 36
Armature Construction, 111
Arsenic, Organic Compounds of, 131
Arthritis, 249
Artificial Lighting, 59
Artillery, 158
Art Needlework, 302
Asbestos and the Asbestos Industry, 165
Asepsis and Antiseptic, 263
Asphalt, 145, 169
Assaying, 156
Astronomy, 150 et seq.
—Nautical, 180
Atlases, Astronomical, 161
—Geological, 168
Atmosphere, The, 162
—Gases of, 100
Atolls, 191
Atomic Theory, 126, 128
Atoms, 103
Aviation, 91 et seq.
Aviators, Reference Books for, 94
Axial Fans, 60
Bacteriology, 214, 229, 280
Balloons, 95
Bandaging and Dressing (Surgical), 268, 264

365
Subject Index.

Banket, The, 174
Basket Making, 302
Batrachians, 192
Batteries, Electric, 115, 116, 118
Bees and Bee-Keeping, 187 et seq., 216, 217
Beeswax, 217
Beetles, 188
Bells, Electric, 117
Benzol, 146
Bequerel Rays, The, 105
Beriberi, 245
Biographies of Men of Science, 2
Biological Chemistry, 134
Biology, 10, 164 et seq.
Birds, 192
Bitumen, 145, 160
Bladder, Diseases of the, 258
Blast Furnace Practice, 157
Blasting, 172
Bleaching, 299, 300
Blood and Blood Pressure, 241
— Diseases of, 254
Blowpipe Analysis, 132
Boat Building, 64
Boiler Chemistry, 137
Boilers, 72, 84, 85
Books and Book-Binding, 305
Boot and Shoe Manufacture, 302
Boring, 57, 172
Botany, 198 et seq., 212
Brain, The, 227, 252, 265
Brakes, for Electric Tramway Cars, 118
Brass founding, 157
Bread Making, 139
Brewing, 187
Bricks and Brickmaking, 65
Bridges, 49, 50
Briquetting, 144
Bronzing, Gilding, etc., 69
Builders, Mechanics for, 42
Builders’ Quantities, 62, 63
Building Construction, 61 et seq.
— Law, 63
— Materials, 64
— Stones, 169
Butter and Cheese Making, 216
Butterflies, 187 et seq.

Cabinet-making, 64, 65
Cables, Electric, 114
Cacao, Cultivation and Curing of, 219
Caisson Sickness, 259
Calcareous Cements, 66
Calcium, 27, 28, 29
Camels, notes on for Veterinary Surgeons, 296

Canal Engineering, 53
Cancer, 248, 267, 276
Candles, Manufacture of, 140
Cane Sugar, 218
Carbon Compounds, 130
Carbons, for Electric Lighting, Manufacture of, 117
Carpentry, 64
 Carpets, 302
Carving, Wood, 64, 65
Casein, 139
Cast Iron, 154
Catalysis, 128
Cataract Extraction, 270
Caterpillar, Life of the, 188
Cattle and Cattle Breeding, 216, 217
Celluloid, 151, 152
Cellulose, 135
Cement, 66
Centrifugal Fans, 60
— Pumps, 56
Ceramics and Ceramic Industries, 65, 149
Cerebro-Spinal Fever, 245
Channels, Design of for Irrigation, 55
Charts (Navigation), 182
Chemical Calculations, 125
— Crystallography, 164
— Engineering, 136
— Fertilisers, 220
— Physiology, 227
Chemicals, Manufacture of, by Electrolysis, 129
Chemistry, 122 et seq., 213
Chemists, Famous, 122
Child Study, 18
Children, Diseases and Hygiene, 279 et seq.
China Grass, 297
Chlorine and Chlorine Products, 151
Chloroform, 263
Chocolate, 139
Cholera, 245
Cinematography, 309
Civil Engineering, 49 et seq.
Clays and Clay Industries, 65, 149
Climate, 102
Climatology, 236
Climatotherapy, 289
Clinical Medicine, 243
Clock Repairing, 78
Clouds, 162
Coach Building, 65
Coal and Coal Mining, 144, 165, 169, 170, 172
Coal Fields (Kent; Scotland), 169
— Tar, 145
Coast Erosion and Protection, 55
Subject Index.

Cob and Pise Work, 65
Cocoa, 139, 219
Coconut Cultivation and Planting, 218, 219
Coffee, Cultivation of, 219
Coils, Induction, 115, 116
Coins, History of, 4
Cold Storage, 82
Colliery and Field Surveying, 51
— Working and Management, 172
Colloids, 128
Colour, in Relation to Chemical Constitution, 127
— Blindness, 271
— Spectra, 102
Columns and Struts, 49
Comets, 160
Commerce, History of, 4
Commercial Engineering, 73
— Geography, 177
Compass (Magnetic) in Aircraft, 94
Compass Work, 181
Compressed Air (Mining), 172
— Air Power Transmission, 74
Concrete, 66
— Roads and their Construction, 52
Conifers, 208, 210
Conjunctiva, Diseases of the, 270
Constipation, 257
Constitutional Diseases, 248
Consumption, 249, 250, 251
Continuous Current Electrical Engineering, 112, 114
Copper, 154, 155
Corn and Atolls, 191
Cordage Fibres, 297
Corrosion and Protection of Metals, 67
— of Iron and Steel, The, 153
Cosmogony, Problems of, 160
Costing, 311
Cotton, 218, 219, 297
— Doubling, 298
— Manufacture, 301
— Spinning, 298, 301, 302
— Waste, 298
— Weaving, 298, 299
Cranes, their construction, 74
Crayfish, The, 191
Creation, Story of, 194
Creative Chemistry, 122
— Evolution, 9
Crops, Field, 218
Crystallography, 164
Currency, History of, 4
Current: (Electrical Engineering), 112, 113
Cyanide Process for Extraction of Gold, 174
Cyanogen Compounds, Chemistry of, 192
Cycles, Motor, 80
— Electric Lighting for, 118
Cytology, 196
Dairying, 215
Dams, Construction of, 54
Decoration, House, 68
Decorative Design, 48
Deformities and their Surgical treatment, 268
Dentistry, 282, 283
Dermatology (Skin Diseases), 284
Design, Machine, 47 et seq.
— Textile, 300
— of Structures, 44
Diamonds, 101, 173
Diathermy, in Medicine and Surgery, 290
Dictionaries of Technical Terms in English and other Languages, 312, 313 (See also "Terms.")
Dietetics, 286
Digestive System, Diseases of the, 256
Diphtheria, 245
Dirigibles, 95
Discoveries:
— Astronomical, 169
— Chemical, 122, 129
— Geographical, 175
— Twentieth Century, 4
Diseases (various), 244 et seq.
Disinfectants, 159
Diving, 71
Dock Engineering, 54
Domestic Sanitation, 58, 59
Doubling, 297, 298
Drainage, 56 et seq.
Draughtsmanship, 47 et seq.
Dreams, 19
Drilling, 75, 76
Drugs, 139, 285, 293
Drying Machinery, etc., 186
Dust Destrokers, 60
Dyestuffs and Dyeing, 146, 299
Dynamics, 40, 128
Dynamo, 111, 112
Dynamometers, 72
Dysentery, 245
Ear, Diseases of, 273, 274
Earth, The, 107, 176
Earthenware, 150
Earthquakes, 167
Earthworms and their allies, 190
Eclipses, 160

367
Subject Index.

Economic Geography, 177
— Geology, 169
— Mineralogy, 164
Education, History of, 4
Egyptian Irrigation, 55
Elasticity of Materials, 43
— Mathematical Theory of, 41, 44
Electric Furnaces, 155
Electrical Engineering, 109 et seq.
Electricity, 104 et seq.
— Medical, 290
— Applied to Mining, 173
Electro-Chemistry, 128
Electrolysis, 128
Electromagnetism, 106—108
Electro-Metallurgy, 155
Electrons, 103
Electro Plating, 118, 119
Electro-Physiology, 227
Electrotherapy, 288, 289
Electrotyping, 304
Elementary Science, 1
Embossing, 304
Embroidery, 302
Embryology, 222
Emery, 75
Enamelling on Metal, 78
Endogenetic Structures, 167
Energy, Conservation of, 98
— Thermal Measurement of, 99
Engine Design, Graphic Methods of, 47
Engines:
Aero, 94
Diesel, 88
Internal Combustion, 87—89
Marine, 85, 86
Steam, 81, 82
Engineering:
Agricultural, 215
Chemical, 136
Civil, 49 et seq.
Electrical, 109 et seq.
Gas, 145
Mechanical, 72 et seq.
Engineers, Geology for, 166
English Poor Relief, Early History of, 5
Engraving, 304, 306
Entomology, 187 et seq.
Epidemics, 236
Epilepsy, 252
Estimating, 50, 62, 63, 89, 311
Ethics, 11
Euclid, 34
Eugenics, 195
Evolution, 9, 10, 103, 193
Examination Guides on Navigation, 181
Examination Papers (Mathematics), 22
Exogenetic Structures, 167
Experimental Chemistry, 123, 124
— Psychology, 17
Explosives and their Manufacture, 150
Eye, Diseases and Injuries of, 269—271
Fans, Centrifugal and Axial, 60
Farming, 211, 212
Farm Tractors, 215
Fats, 139
Feeding of Animals and Crops, 217, 218
Fermentation, 137
Ferments, 128
Ferns, 204
Fertilisers, 220
Fever, 244 et seq.
Fibres, Textile, 297
Field Crops, 218
Field and Colliery Surveying, 51
Files and Filing, 75
Filters and Filter Presses, 136
Finishing of Textile Fabrics, 299, 300
Fiords, 167
Fire Protection in Buildings, 68
Fishes and Fisheries, 191
Fitting, Electric, 116
Flax, 218, 297
— Spinning, 298
Flight, Theory and Practice of, 91, 92
Flora, 205
Flour and Bread Making, 139
Fluids, Mechanics of, 42
Fly, The, 188, 189
— in relation to Disease, 259
Foods, 139, 286
— Analysis and Inspection, 235
Forensic Medicine, 237, 238
Foreshores, Maintenance of, 55
Forestry, 208 et seq.
Forging, 77, 78, 154
Formulae (Engineering), 50
Fortification, 158
Fossils, 170
Foundations for Machinery, 72, 73
Foundry Work, 74, 157
Fractures and their Treatment, 263
Frog, The, 192
Frozen Meat Trade, History of, 4
Fuels, 142
Fungi, 204
Fungoid Diseases of Plants, etc., 212

368
Subject Index.

Furnaces, Electric, 155
Furniture Making, 64

Gall Bladder, Diseases of the, 256
Galvanized Iron, 153
Gas, 100, 104, 143, 146
— Engineering, 145
— Manufacture, 145
Gauges, 46
Gearing, 73, 83
Gelatine, 139
Gem-Stones, 165
General Science, 1
Genitors, Electric, 111, 112
Genetics, 108
Genito-Urinary System, Diseases of the, 257
Geodesy, 50, 51
Geodynamics, 167
Geographical Distribution of Animals, 198
— — Plants, 203
Geography, 175 et seq.
Geology, 105, 166 et seq., 214
Geometrical Drawing, 48
Geometry, 29 et seq.
Geophysical Investigations, 1
Gilding, Bronzing, etc., 69
Girders, 44, 49, 50
Glands:
— Anatomy of, 223
— Diseases of, 254
Glass and Glass Manufacture, 149
— Blowing, Methods of, 130
Glaucous, 271
Glazing, Colour, 69
Gloves and the Glove Trade, 303
Glow Worm, The, 188
Glues, 64, 139
Glycerine, 140
Gold and Gold Mining, 154, 155, 165, 173
Goldsmiths' Work, 78
Gonorrhea, 246
Gout, 249
Graining and Marbling, 68
Grape Vine, Cultivation of, 219
Graphic Arts, 304
Graphics, 33
Grasses, 206, 207, 212
Grasshopper, Life of the, 188
Gravitation, 104
Grinding Machinery, 76
Guns, 141
Gun-Shot Wounds, 264
Guns, Theory of the Recoil of, 158
Gutta Percha, 142

Gynecology, 231, 275 et seq.
Gyroscope, 45
Gyrostatics, 45

Haematology, 241
Hand-Lettering, 48
Harbour Engineering, 53, 54
Hat Manufacturing, Chemistry of, 302
Head, Surgery of, 265
Headache, 252
Heart, Diseases of the, 254
— Surgery of, 265
Heat, 39, 99
— Engines, 81—83
— Treatment of Metals, 157
Heating of Buildings, 60
Hemp, Fabrics, Manufacture of, 300
— Spinning, 298
Herbal, 198 et seq., 219
Heredity, 198, 228
Hernia, 266
High Explosives, 150
— Temperatures, 99
Histology, 228, 239
History, Natural, 185
— of Science, Education, Learning, Commerce, etc., 4
Hoisting Machinery, 74
Hops, 219
Horology, 78
Horse, The, 193
— Anatomy, Diseases, etc., of, 295, 296
Horse-Shoeing, 296
Hospitals, Isolation, 234
Housecraft Science, 1
House Decoration, 68
Human Geography, 179
Hydraulic Motors, 56
Hydraulics, 48, 53
Hydrodynamics, 42
Hydrogen, Chemistry and Manufacture of, 130
Hydrographic Surveying, 183
Hydrology, Medical, 289
Hydrostatics, 39, 41, 42
Hygiene, 58, 232, 236
— of Children, 279
— Veterinary, 296
Hypnotism, 290

Ice Age, 167, 168
Ice-making, 82
Ideas (Scientific) of To-day, 1
Igneous Rocks, 168
Illumination, 59, 116, 117
Immunisation, Therapeutic, 287, 288
Subject Index.

Incandescent Electric Lamps, 116, 117
India Rubber, 142
Indicators (Chemical), Theory and Use of, 134
Induction Coils, 115, 116
Industrial Chemistry, 136 et seq.
— Engineering, 73
— Organisation, 310, 311
— Training, 1
Industry, History of, 5
— and Science, 1, 2
Infant Feeding and Hygiene, 279
Infectious Diseases, 244 et seq.
Inflammation, Pathology of, 240, 241
Ingots and Ingot Moulds, 157
Injectors, Steam, 84, 85
Ink Manufacture, 148
Inorganic Chemistry, 124, 129
Insanity, 253
Insecticides, 152
Insectivorous Plants, 198
Insects, 187
Installation, Electrical, 116
Instruments:
  Electrical, 115
  Engineering, 49, 51, 75
  Optical, 101, 102
Insulation of Electrical Machines, 111, 114
Internal Combustion Engines, 87
International Language and Science, 1
Intestines, Diseases of the, 257
Introduction to Science, 2
Inventions, 4, 72, 122
Ionization, 104, 105
Iron and Steel, 153
— Construction, 67
Ironfounders, 157
Ironwork, Strains in, 49
Irrigation, 55
Island Life, 167
Isolation Hospitals, 234
Japanning, Metal, 78
Jena Glass, 149
Joinery, 64, 65
Jute: its manufacture, 297, 300
— Spinning, 298
— Weaving, 299
Kidneys, Diseases of the, 257
Kinetic Theory of Gases, 100
Lacquering and Bronzing Brass Ware, 78
Land Forms, 167
— Reclamation, 55
— Surveying, 50 et seq.
Language (International) and Science, 1
— History of, 12, 13
Lantern, Use of in Scientific Demonstrations, 102
— Slide Making, 308
Laryngology, 273, 274
Lathes and Lathe Work, 75, 76
Law, Mining, 171
— Sanitary, 237
—, Science of, 1
Laying-off, 70, 71
Lead, 154, 155, 165
Lead (Sheet), Weights and Measurements of, 45
Leather Manufacture, 148
— Work, 302
Lecithin and Allied Substances, 131
Levelling, 51
Life, Origin of, 193
— and Science, 2, 184
Lifting and Conveying, 74
Light, 100, 101
Lighthouses and Lightships, 71
Lighting, Artificial, 59, 60, 116, 117, 118
Lightning Conductors, 106, 107
Limes, 66
Linen Manufacture, 300
— Weaving, 299
Liquid Fuels, 143
— Steel, 153
Liquids, Motions of, 103
— Viscosity of, 127
Lithography, 304
Liver, Diseases of the, 256
Locomotive Engineering, 83
— System, Diseases of, 267
Logarithms, 36, 37
Logic, 18
Lubricants and Lubrication, 74, 139, 140, 144
Lunar Theory, Treatise on, 160
Lungs, Diseases of the, 255, 256
— Surgery of, 265
Lymphatic System, Diseases of, 254
Machine Drawing, Design, &c., 47 et seq., 109
Machines, Theory of, 43
Magnesium, Organometallic, 132
Magnetic Compass in Aircraft, 94
Magnetism, 106—108, 162, 181

370
Subject Index.

Magnetos, 118
Malarial Diseases, 245
Mammals, 193
Man, 2, 197
Management, Scientific and Works, 310, 311
Manganese Ores, 165
Manures, 220
Map Work, 176
Maps, Astronomical, 161
— Geological, 108
Marble and Marble Working, 65, 66
Margurine, 139
Marine Engines, 85—87
— Meteorology, 162
— Signalling, 182
— Surveying, 183
Masonry, 49, 50, 65
Massage and Movement Cures, 287
Materia Medica, 291 et seq.
Mathematics, 21 et seq.
— (Mining), 171
Matter, Properties of, 103
Measurements:
  — Electrical, 115
  — Mechanics, 45
Meat Inspection, 235, 236
Mechanical Dentistry, 283
— Engineering, 72 et seq.
Mechanics, 39 et seq.
Medical Geography, 286
— Jurisprudence, 232, 237
— Students, Chemistry for, 125
Medicine, 291 et seq.
— Veterinary, 295, 296
Medieval Thought and Science, 1
Mendelism, 195, 196
Mensuration, 83
Mental Development, 18
— Disorders, 253
— Tests, 17
Mesopotamia, Irrigation of, 55
Metallurgy, 156
Metallurgy, 153 et seq.
Metallurgical Dentistry, 283
Metal Work (Turning, Welding, etc.), 76 et seq.
Metals, 153
— in Aircraft Construction, 93
— Corrosion of, 67
— Heat Treatment of, 157
Metaphysics, 8
Meteorology, 162 et seq.
Meters, Electricity, 115
Method and Science, 2
Metric System, 45, 46
Mica Mining, 173
Microscopy, 196, 197
— Dental, 282
Midwifery, 277, 278
Military Engineering, 158
— Geography, 179
— Ophthalmology, 270
— Sanitation, 233
— Surgery, 264
Milk and Milk Testing, 215, 216, 225
Milling Machines and Practice, 75, 76
Mind, The, 15, 16, 17
— Animal, 19
Mine Drainage, 56
— Surveying, 50 et seq.
Mineral Oils, 143
— Waters, 187, 287
— Waxes, 144
Mineralogy, 164, 165
Mining, 171 et seq.
— Geology, 169
Model Drawing, 48
Molecular Association, 128
— Physics, 103, 104
Mollusca, Life of the, 191
Moon, The, 160
Morphology:
  — Animal, 185
  — Plant, 201
Mosses, 204
Moths, British, 188, 189, 190
Motor Car, Electrical Application to, 118
— Engineering, 79, 80
— Cycles, 80, 118
Motors, 56, 88, 111, 112
Mould, Vegetable, 190
Municipal Engineering, 57, 58
Muscles, Action of, 227
Mycology, Technical, 138
Nation, The, and Science, 2
Natural History, 185
Nature Study, 184
Nautical Astronomy, 180
— Tables and Terms, 181
Naval Architecture, 70, 71
Navigation, 180 et seq.
— Aerial, 94
Neck, Surgery of, 265
Needlework, Art, 302
Nerves and Nervous System, 227
— Disorders of, 252
Neurasthenia, 252
Neurology, 223
Nickel, 155
Nitro-Explosives, 150
Non-Ferrous Metals and Alloys, 154
Subject Index.

Nose, Diseases of, 273, 274
Nucleic Acids, 134
Nursing, 263, 276, 294

Obstetrics, 275 et seq.
— Veterinary, 295
Occupational Diseases, 259
Oceanography, 182
Oil and Oil Fields, 139, 169
— Engineering, 74
— Motors, 88
— Tank Steamers, 71
Operative Surgery, 261
Ophthalmology, 260 et seq.
Ophthalmoscopy, 270
Optic Nerve, Diseases of, 270
Optics, 100, 101
Ordnance Survey Maps, 176
Ore Deposits, 169
— Dressing, 174
Organic Chemistry, 124, 130
Organism, The, Science and Philosophy of, 9
Origin of Life, 193
— Species, 194
Ornamental Stones, 66
Orthopaedic Surgery, 267
Osmotic Pressure, 127
Osteology, 223
Otology, 273, 274
Oxy-Acetylene Welding, 77
Ozone, 129

Paint and Painting, 68, 141
Paleobotany, 170
Paleontology, 170
Paper and Paper Making, 148, 305
Paralysis, Ocular, 271
Parasites, Diseases due to, 248
Patent Laws, 1, 2
Pathology, 239 et seq.
— Surgical, 262
Pattern Making, 74, 75
Pearls, 190, 191
Peat, 146
Pedagogy, History of, 4
Per-acids and their Salts, 130
Peritoneum, Diseases of the, 257
Permanent Way, Railways and Tramways, 52
Petrol Air Gas, 59
Petroleum, 143
Petrology, 168
Pharmacology, 292, 293
Pharmacopoeias, 291, 292
Pharmacy, 291 et seq.
Philosophy, 6 et seq.

Photo-Chemistry, 127
— Electricity, 307
Photographs, Telegraphic Transmission of, 119, 121
Photography, 307
Photomicrography, 196, 308, 309
Physical Chemistry, 127
— Geography, 176
Physics, 96 et seq.
Physiography, 175
Physiological Chemistry, 134
— Psychology, 17
Physiology, 225, et seq.
— Dental, 282
— Plant, 201
— Veterinary, 295
Pigments, 141
Pistols, Automatic, 158
Pitch, Manufacture of, 145
Plant Constituents, 135
— Disease and Pests, 212
Plants and Plant Life, 198 et seq.
— Poisonous, 212
Plague, 231, 246
Plating, Electro, 118, 119
Platinum Metals, 165
Plumbing, 57, 58
Plywood, Manufacture and use of, 64
Pneumatics, 39, 40, 42
Poisonous Plants, 212
Poisons and Poisoning, 238
Polyphase Currents, 110
Pond Life, 187
Poor Relief, Early History of, 5
Popular Science, 1
Portable Steam Engines, 82
Portland Cement, 66
Post-Mortem Examination, 239
Pottery, 65, 149
Poultry Farming, 216, 217
Power Plant, Electric, 111
— Transmission, 73, 74
Precious Metals, The, 155
— Stones, 105
Prescribing, 286
Preserved Foods, Manufacture of, 189
Printing, 304, 305,
— Inks, 148
— Telegraph System, The
Baudot, 120
— Textile, 299
Producer Gas, 143
Progress, Origin and Growth of, 9
Projection, Optical, 102
Propellers for Aircraft, 93
— Marine, 70, 85, 86
Proteids, Chemistry of, 227

372
Subject Index.

Proteins, Chemical Constitution of, 135
  — The Vegetable, 135
Psychiatry, 253
Psycho-Analysis, 19
  — Therapeutics, 290
Psychological Medicine, 242
Psychology, 15, et seq.
Public Health, 232, 234, 237
Pumps and Pumping, 56
Punjab Rivers and Works, 55
Pyrometry, 99

Qualitative Chemical Analysis, 183
Quantitative Chemical Analysis, 183
Quantities, Builders, 62, 63
Quarrying, 171
Quaternions, 23

Radiation, 105
Radio-Activity, 104, 105
  — Telegraphy, 120, 121
Radium, 105
  — Therapeutics, 289
Railways:
  Electric, 117, 118
  Permanent Way, 52
  Signalling, 52, 53
  Surveying, 51
  Tube, 53
Rain, Work of, 168
Rams, Hydraulic, 56
Rare Earth Industry, 152
  — Earths, 129, 130
Rationalism, History of English, 4
Reagents, Chemical, 132, 133
Rectum, Diseases of, 257
  — Surgery of, 265, 266
Refraction of the Eye, 271
Refractory Materials, 150, 169
Refrigeration, 82
Refuse Disposal, 60
Re-inforced Concrete, 66, 67
Relativity, 104
Repairs, Building, 62, 63
Reptiles, 192
Resins, 141
Respiratory System, Diseases of the, 255
Rheumatism, 249
Rhinology, 273, 274
Rifle and Rifle Shooting, 158
River Development, 176
  — Engineering, 53
Rivers, 176
  — as Sources of Water Supply, 57
  — Work of, 168

Road Making, 52
Rock Asphalts, 169
Rocks, 168
Röntgen Rays, 105
  — in Medical Work, 289
Roofing Tiles, 65
Royal Society of Arts, History of, 5
Rubber and Rubber Planting, 142, 218—220

Salt, 150
Salvarsan, 288
Sands, 65
  — Refractory, 169
Sanitation, 57, 232 et seq.
Saw Mills, 77
Scenery, Scientific Study of, 169
Sciatika, 252
Screw-cutting, 75, 76
Scumbling, 69
Seamanship, 180 et seq.
Sea Sickness, 252
Seasons, Biology of the, 184
Sea Water Distillation, 124
Seaweeds, 203, 204
Secretions, Internal, 227
Seismology, 167
Serum Therapy, 287, 288
Sewerage, 57 et seq.
Sex, 193, 228
 Sextent, The, 180
Sexual Physiology, 228
Shaft-Sinking, 172
Shale Oils, 144
Shales, 65
Sheet Lead, Weights and Measurements of, 45
  — Metal Work, 77
Shell Shock, 252
Shells, 191
Ships and Shipbuilding, 70, 71
Shore Protection, 55
Signalling, Marine, 182
  — Railway, 52, 53
Silica and the Silicates, 149
Silk Dyeing, 299
  — Industry, 297
  — Manufacture, 300, 301
  — Spinning, 298
Silver, Metallurgy of, 154, 155
Silversmiths’ Work, 78
Sizing, Materials used in, 68
  — Yarn and Warp, 299
Skin Diseases, 284
Slide Rule, 86
Small-Pox, 251, 246
Smithing, 77, 78
Subject Index.

Smoke Prevention, 142
Soap and Soap Manufacture, 139—141
Soap Bubbles, 100
Social Psychology, 20
Socialism, History of, 5
Sociology, 20
Soils, 169, 220
Solar System, 160
Soldering, 77
Sound, 102, 108
Space and Time, Theory of, 104
Species, Origin of, 194
Spectacles, Prescribing of, 272
Spectroscope, The, 132
Spectroscopy, 102, 127
Spices, 219
Spiders, 187, et seq.
Spinal Cord, Diseases of, 252
Spinning, 297, 298
—— Machine, 301
Sprue, and its treatment, 236, 258
Stable Sanitation, 58
Staffordshire Potteries, History of, 150
Stained Glass Work, 150
Staining, 68
Stars, 160, 161, 181
Statics, 40
Stationary Steam Engines, 82
Stationery, 305
Statistics (Mathematics), 38
Steam Boilers, Construction and Management, 84, 85
Steam Engines, 43, 81, 82, 83
—— Heating, 60
Steamships, 70
Steel, 153
—— and Iron Construction, 67
—— Ships, 71
Stencils and Stencilling, 68
Stereochemistry, 128
Stereotyping, 304
Stoichiometry, 128
Stomach, Diseases of the, 256
Stone, Artificial and Masonry, 65
—— Mining and Quarrying, 171
Stratigraphy, 168
Straw and String Work, 302
Strength of Materials, 43
Stresses and Thrusts, 49
Structures, Theory and Design of, 44, 49
Struts and Columns, 49
Submarine Telegraph, 120
Submarines, 71
Submerged Forests, 168
Sugar; its manufacture, etc., 138, 218
Sulphate of Ammonia, 151
Sun, The, 160, 161
Superheating on Locomotives, 83
Surface Tension and Surface Energy, 128
Surgery, 260 et seq.
—— Dental, 282
—— Veterinary, 295
Surgical Anatomy, 221
Surveying:
Hydrographic, 183
Land and Mine, 50 et seq.
Marine, 183
Sweetmeats, Manufacture of, 139
Switchboards, (Electric), 111
Synthesis, Essays in Scientific, 2
Syphilis, 246, 247
Tacheometer Surveying, 51
Tanning, 148
Tapestry Weaving, 302
Tars, 144, 145
Tea, Cultivation of, 218, 219
Teaching of Scientific Method, 1
Technical Electricity, 109, 110
Technical Terms, see 'Terms.'
Teeth, Anatomy, etc., of, 282, 283
Telegraphy, 119—121
Telephony, 119—121
Telephotography, 307, 308
Temperatures, High, 99
Terms:
Aeronautics, 94
Architecture, 61, 62
Biology, 184
Botany, 200
Building Trades, 61, 62
Mechanical Engineering, 72
Medical, 242, 243
Nautical, 181
Optics, 101
Textile, 302
Wireless Telegraphy, 121
and Dictionaries of, in English and other Languages, 312, 313
Terrestrial Magnetism, 162
Testing, Electrical Engineering, 114, 115
—— of Chemical Reagents, 132
Tetanus, 246
Textile Machinery, 301
Textiles, 297 et seq.
Theodolite Surveying, 51
Theology and Science, 2
Therapeutics, 285 et seq.
—— Dental, 283
—— Gynaecological, 276

374
Subject Index.

Therapeutics, Ophthalmic, 271
— Surgical, 262
— Veterinary, 296
Thermo-Chemistry, 127, 128
Thermodynamics, 99, 127
Thermo-Therapy, 289
Throat, Diseases of, 273, 274
Thrusts and Stresses, 40
Thyroid Therapy, 289
Ticks, 187
Tidal Lands, 55
Tides, 160, 170, 182
Tiles, 65
Timber, 208 et seq.
Time and Space, Theory of, 104
Tin, Metallurgy of, 155
— Ores, 165, 169
— Plate Industry, The, 154
Tobacco, 219
Tools, Machine, 76, 75
Topographical Geology, 169
Tow Spinning, 298
Town Planning, 68
Toxicology, 232, 237, 238
— Veterinary, 296
Traction, Electric, 117
Tractors, Farm, 215
Trade Unionism, History of, 5
Tramways, Electric, 117, 118
— Permanent Way, 52
Transformers, 113
Transmission, Electrical Engineering, 114
Trees, 208 et seq.
Trigonometry, 34, 35
Tropical Hygiene, 236
— Medicine, 258
Tube Railways, Setting out of, 53
— Wells, 55
Tuberculins, 288, 289
Tuberculosis, 249, 288, 289
Tumours, 267
Tungsten Ores, 165
Turbines, 56, 80
Turning, Metal, 76
Typhoid Fever, 246
Typography, 304

Urinary Surgery, 266
Urine, Examination of, 239
Utilitarianism, History of English, 4

Vaccination, 231, 246, 288
Valency, Theory and Studies in, 127
Valuation, Mine, 171
Valves and Valve Gearing, 83
Varnishes and Varnishing, 68, 69, 141

Vectors, 23, 113
Vegetable Mould, 190
Venereal Diseases, 246, 247
Ventilation, 60, 172
— of Electrical Machinery, 110
Veterinary, 295, 296
Vinegar, Manufacture and Examination of, 188
Viscosity of Liquids, 127
Vitalism, History and Theory of, 9
Volcanoes, 167
Volumetric Analysis, 183, 134

War, Nervous Disorders Caused by, 252
War and Science, 2
War Ships, 70
War Surgery, 264
Warp Sizing, 290
Wasps, 187, 189
Waste Products, Utilisation of, 151
Watch Repairing, 78
Water, 137, 168
— Analysis, 254
— Hammer in Hydraulic Pipe Lines, 54
— Power, 54, 56
— Purification, 57
— Supply, 53 et seq.
Waterworks, 56, 57
Waxes, 139, 144
Weather, 162
Weaving, 298, 299, 302
Weights and Calculations (Mechanics) 45
Welding, etc., 77, 119
Well Sinking, 57
Wells, Tube, 55
Whales, 193
Wheat, 218, 219
Wireless Telegraphy and Telephony, 120, 121
Wire-ropes, 74
Wiring, Electric, 116
Women, Diseases of, 275
Wood Products, 151
— Pulp, 148
Woodwork and Allied Trades, 64
Wood Working Machinery, 77
Woollen Industry, 297
— Manufacture, 301
— Spinning, 298
Worsted Industry, 297
— Manufacture, 300, 301
— Spinning, 298

X-Rays, 104, 105, 164
Subject Index.

X-Rays Diagnosis (Surgical), 262
— Therapy, 289
— Treatment of Skin Diseases, 284

Yarns, Sizing of, 299
— Technical Testing of, 300
— Woollen and Worsted, Manufacture of, 300, 301

Yellow Fever, 248
Zinc, and its Alloys, 155
— Industry, 155
— Organometallic compounds of, 182
— Oxide, 69
Zoology, 185, 214
Zoophytes, British, 191