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The Observer's Handbook for 1914. Edited by C. A. Chant. Pp. 72. (Toronto: Royal Astronomical Society of Canada.)

Heaton's Annual. The Commercial Handbook of Canada and Boards of Trade Register, 1914. Pp. 590. (Toronto : Heaton's Agency; London : Simpkin and Co., Ltd.)

DIARY OF SOCIETIES.

- DIARY OF SOCIETIES. THURSDAY. FEBRUARY 5. ROVAL SOCIETY, at 4.30.—The Conduction of the Pulse Wave and the Measurement of Arterial Pressure: Prof. F. Hill, J. McQueen and M. Flack.—Report of the Monte Rosa Expedition of 1911: J. Barcoff, M. Camis, C. G. Mathison, F. Roberts and J. H. Ryffel.—Some Notes on Soil Protozoa. I: C. H. Martin and K. Lewin.—The Development of the Starfish Asterias rubens L: J. F. Gemmill.—The Floral Mechanism of Weiwitschia mirzabilis (Hook): Dr. A. H. Church. ROVAL INSTITUTION, at 3.—Types and Causes of Earth Crust Folds: Sir Thomas H. Holland, K.C.I.E. LINNEAN SOCIETY, at 8.—The Vegetation of White Island, New Zealand W. R. B. Oliver.—Lantern.slides of Cape Plants, mostly in their Native Habitats: W. C. Worsdell.—The Range of Variation of the Oral Append-ages in some Terrestrial Isopoda: W. E. Collinge. *FRIDAY*, FEBRUARY 6. ROVAL INSTITUTION, at 9.—The Mechanics of Muscular Effort: Dr. H. S. Hele Shaw.

Hele Shaw. GEOLOGISTS' ASSOCIATION, at 7.3c.—Annual Meeting.—Presidential and the Wearing Down of the Rocks. II.: Dr. J. W. Evans. -President's Address :

INSTITUTION OF CIVIL ENGINEERS, at 8 .- Ancient Surveying : R. C. S.

MONDAY, FEERUARY 9. ROYAL GEOGRAPHICAL SOCIETY, at 8.30.—()ur Present Knowledge of the Antarctic and the Problems that Remain to be Solved: Prof. Edgeworth David, C.M.G., F.R.S.

TUESDAY, FEBRUARY 10. ROYAL INSTITUTION, at 3.-Animals and Plants under Domestication: Prof. W. Bateson. ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.-Psychology of Magic: Prof. Carveth Read. INSTITUTION OF CIVIL ENGINEERS, at 8.-The New Harbour Works and Dockyard at Gibraltar: A. Scott.

WEDNESDAY, FEBRUARY II ROYAL SOCIETY OF ARTS, at 8.—The History of Colour Printing: R. A. Peddie.

Peddie. THURSDAY, FEBRUARY 12 ROVAL SOCIETY, at 4.30.—Probable Papers: Chemical Action that is Stimulated by Alternating Currents: S. G. Brown.—The Effect of the Gangetic Alluvium on the Plumb-line in Northern India: R. D. Oldham... Note on the Origin of Black Body Radiation: G. W. Walker.—The Transmission of Electric Waves along the Earth's Surface: Prof. H. M. Macdonald.—Transparence or Translucence of the Surface Film Produced in Polishing Metals: G. T. Beilby.—A Method of Avoiding Inaccuracy due to Weight Errors in "Fixing" a Gold Coinage Standard Trial Plate: A. O. Watkins.—A Thermomagnetic Study of the Eutectoid Transition Point of Carbon Steels: Dr. S. W. J. Smith.—Note on Osmotic Pressure : W. R. Bousfield. W. R. Bousfield.

W. K. Bousheld. Royal INSTITUTION, at 3.—Types and Causes of Earth Crust Folds: Sir Thomas H. Holland, K.C.I.E. CONCRETE INSTITUTE, at 7.30.—The Differential and Integral Calculi for Structural Engineers: W. A. Green. Royal Society of Arts, at 4.30.—Khorasan: the Eastern Provinces of Persia: Major Percy M. Sykes. INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Some Railway Condi-tions governing Electrification: R. T. Smith.

NO. 2310, VOL. 92

KRIDAY, FEBRUARY 13.
 ROVAL INSTITUTION, at 9.—Production of Neon and Helium by Electric Discharge: Prof. J. Norman Collie.
 ROVAL ASTRONOMICAL SOCIETY, at 5.—Anniversary Meeting.
 PHYSICAL SOCIETY, at 8.—The Moving Coll Ballistic Galvanometer: R. Ll. Jones.—Vibration Galvanometers of Low Effective Resistance: A. Campbell.—Vacuum-tight Lead-seals for Sealing-in-wires in Vitreous Silica and other Glasses: Dr. H. J. S. Sand.

MALACOLOGICAL SOCIETY, at 8 .- Annual Meeting .--Presidential Address ome Points and Problems in Geographical Distribution: Rev. A. H.

- ALCHEMICAL SOCIETY, at 8.15.—Some Notes on the Doctrine of the First Matter, with Special Reference to the Works of Thomas Vaughan : Sijil Abelul-Ali.
- SATURDAY, FEBRUARY 14. ROVAL INSTITUTION, at 3.-The Electric Emissivity of Matter. I. : The Metals : Dr. J. A. Harker.

CONTENTS.PAGEThe Science and Philosophy of Instinct627Technical Chemistry628Letters to the Editor:629The Pressure of RadiationProf. H. L. Callendar,F.R.S.F.R.S.629Atomic Models and X-Ray SpectraProf. J. W.Nicholson; Dr. H. S. Allen; Dr. F. A.Lindemann630Systems of Rays on the Moon's SurfaceDr. H. J.Johnston-Lavis631The End-product of ThoriumA SuggestionProf.J. Joly, F.R.S ; J. R. Cotter632A Curious Ice Formation.(Illustrated.)D. J.Phillips632Soil ProtozoaK. R. Lewin; C. H. Martin633Observations at the Bottom of the Crater of Vesuvius.633Migratory Movements of Birds in 1911-12. By W. E. C.635Sir David Gill, K.C.B., F.R.S. By F. W. D.635Sir David Gill, K.C.B., F.R.S. By F. W. D.635Motes638Our Astronomical Column :-638Planetary Observations at the Lowell Observatory.643The Annual of the Bureau des Longitudes643The Association of Technical Institutions. ByJ. H. R.J. H. R.645Ancient Pigments. By A. H. C.645Celluloid and Its Dangers646Wireless Telegraphy. By A. A. Campbell Swinton 647University and Educational Intelligence648Societies and Academies649Books Received651Diary of Societies651Diary of Societies651Diary o		
Technical Chemistry 628 Our Bookshelf 629 Letters to the Editor: 7 The Pressure of RadiationProf. H. L. Callendar, 629 Atomic Models and X-Ray SpectraProf. J. W. Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann 630 Systems of Rays on the Moon's SurfaceDr. H. J. Johnston-Lavis Johnston-Lavis 631 The End-product of ThoriumA SuggestionProf. J. Joly, F.R.S; J. R. Cotter 632 A Curious Ice Formation. (Illustrated.)D. J. 632 Phillips 632 Soil ProtozoaK. R. Lewin; C. H. Martin 632 The Eugenics Education SocietyMajor Leonard 633 Observations at the Bottom of the Crater of Vesuvius. (Illustra'ed.) By Prof. John W. Judd, C.B., F.R.S. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott 638 Our Astronomical Column : 638 Planetary Observations at the Lowell Observatory 643 The Annual of the Bureau des Longitudes 643 The Annual of the Bureau des Longitudes 643 Mati is Psycho-An		
Technical Chemistry 628 Our Bookshelf 629 Letters to the Editor: 7 The Pressure of RadiationProf. H. L. Callendar, 629 Atomic Models and X-Ray SpectraProf. J. W. Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann 630 Systems of Rays on the Moon's SurfaceDr. H. J. Johnston-Lavis Johnston-Lavis 631 The End-product of ThoriumA SuggestionProf. J. Joly, F.R.S; J. R. Cotter 632 A Curious Ice Formation. (Illustrated.)D. J. 632 The Eugenics Education SocietyMajor Leonard 633 Observations at the Bottom of the Crater of 7 Vesuvius. (Illustra'ed.) By Prof. John W. Judd, 635 C.B., F.R.S. 633 Migratory Movements of Birds in 1911-12. By W. E. C. W. E. C. 636 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J Knott 638 Our Astronomical Column : 643 Planetary Observations at the Lowell Observatory. 643 The Annual of the Bureau des Longitudes 643 The Annual of the Bureau des Longitudes	The Science and Philosophy of Instinct	627
Our Bookshelf 629 Letters to the Editor: 629 The Pressure of RadiationProf. H. L. Callendar, 629 Atomic Models and X-Ray SpectraProf. J. W. 629 Nicholson; Dr. H. S. Allen; Dr. F. A. 630 Systems of Rays on the Moon's SurfaceDr. H. J. 631 Johnston-Lavis 632 The End-product of ThoriumA SuggestionProf. J. Joly, F.R.S; J. R. Cotter J. Joly, F.R.S; J. R. Cotter 632 Soil ProtozoaK. R. Lewin; C. H. Martin 632 Soil ProtozoaK. R. Lewin; C. H. Martin 633 Observations at the Bottom of the Crater of 7 Vesuvius. (Illustrated.) By Prof. John W. Judd, C.B., F.R.S. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dur Astronomical Column: 638 Planetary Observations at the Lowell Observatory. 643 What is Psycho-Analysis? By Dr. William Brown 643 644 The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. A. Campbell Swinton 647 645 Di	Technical Chemistry	628
Letters to the Editor: The Pressure of RadiationProf. H. L. Callendar, F.R.S	Our Bookshelf	629
F.R.S. 629 Atomic Models and X-Ray Spectra.—Prof. J. W. Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann . 630 Systems of Rays on the Moon's Surface.—Dr. H. J. Johnston-Lavis 631 The End-product of Thorium.—A Suggestion.—Prof. J. Joly, F.R.S; J. R. Cotter . 632 A Curious Ice Formation. (Illustrated.)—D. J. Phillips . 632 Soil Protozoa.—K. R. Lewin; C. H. Martin . 632 The Eugenics Education Society.—Major Leonard Darwin . 633 Observations at the Bottom of the Crater of Vesuvius. (Illustra'ed.) By Prof. John W. Judd, C.B., F.R.S 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott . 638 Notes	Letters to the Editor :	
Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann	The Pressure of RadiationProf. H. L. Callendar,	
Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann	F.R.S	629
Nicholson; Dr. H. S. Allen; Dr. F. A. Lindemann	Atomic Models and X-Ray SpectraProf. J. W.	
Lindemann	Nicholson; Dr. H. S. Allen; Dr. F. A.	
Johnston-Lavis 631 The End-product of Thorium.—A Suggestion.—Prof. J. Joly, F.R.S; J. R. Cotter	Lindemann	630
J. Joly, F.R.S; J. R. Cotter	Systems of Rays on the Moon's Surface.—Dr. H. J.	
J. Joly, F.R.S; J. R. Cotter	Johnston-Lavis	631
J. Joly, F.R.S; J. R. Cotter	The End-product of Thorium.—A Suggestion.—Prof.	
Phillips 632 Soil Protozoa.—K. R. Lewin; C. H. Martin 632 The Eugenics Education Society.—Major Leonard Darwin 633 Observations at the Bottom of the Crater of Vesuvius. (<i>Illustra'ed.</i>) By Prof. John W. Judd, C. B., F. R. S. 633 Migratory Movements of Birds in 1911–12. By W. E. C. 635 Sir David Gill, K.C.B., F. R.S. By F. W. D. 635 Dur Astronomical Column :— 638 Planetary Observations at the Lowell Observatory 643 What is Psycho-Analysis? By Dr. William Brown 643 645 The Association of Technical Institutions. By J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Woreless Telegraphy. By A. A. Campbell Swinton 647 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Phenomenon of Anaphylaxis. By C. J. M. iv YorpLEMENT. 651 Oal in India. By H. L. iv An Introduction to Cartography. By H. G. L. vi YorpLements. 652 Surelest Steine Steine Steine Steine Steine Stein	I, I oly, F , R , S ; I , R , Cotter	632
The Eugenics Education Society.—Major Leonard Darwin 633 Observations at the Bottom of the Crater of Vesuvius. (Illustrated.) By Prof. John W. Judd, C.B., F.R.S. 633 Migratory Movements of Birds in 1911–12. By W. E. C. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dark T. Omond. By Dr. C. J. Knott 638 Notes 638 Our Astronomical Column :— Planetary Observations at the Lowell Observatory. 643 What is Psycho-Analysis? By Dr. William Brown 643 The Annual of the Bureau des Longitudes 645 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 647 Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence 648 Societies and Academies 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv Main Introduction to Cartography. By H. G. L. vi <td>A Curious Ice Formation. (Illustrated.)-D. J.</td> <td></td>	A Curious Ice Formation. (Illustrated.)-D. J.	
The Eugenics Education Society.—Major Leonard Darwin 633 Observations at the Bottom of the Crater of Vesuvius. (Illustrated.) By Prof. John W. Judd, C.B., F.R.S. 633 Migratory Movements of Birds in 1911–12. By W. E. C. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dark T. Omond. By Dr. C. J. Knott 638 Notes 638 Our Astronomical Column :— Planetary Observations at the Lowell Observatory. 643 What is Psycho-Analysis? By Dr. William Brown 643 The Annual of the Bureau des Longitudes 645 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 647 Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence 648 Societies and Academies 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv Main Introduction to Cartography. By H. G. L. vi <td>Phillips</td> <td></td>	Phillips	
Darwin	Soil ProtozoaK. R. Lewin; C. H. Martin	632
Observations at the Bottom of the Crater of Vesuvius. (<i>Illustra'ed.</i>) By Prof. John W. Judd, C.B., F.R.S. 633 Migratory Movements of Birds in 1911-12. By W. E. C. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott 638 Our Astronomical Column : 638 Planetary Observations at the Lowell Observatory 643 What is Psycho-Analysis? By Dr. William Brown 643 643 The Annual of the Bureau des Longitudes 645 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi An reference of Cartography. By H. G. L. vi		
Vesuvius. (<i>Illustra'ed.</i>) By Prof. John W. Judd, C.B., F.R.S	Darwin	633
C.B., F.R.S. 633 Migratory Movements of Birds in 1911–12. By W. E. C. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott 638 Notes 638 Our Astronomical Column :— Planetary Observations at the Lowell Observatory 643 Wave-lengths of Chromospheric Lines 643 The Annual of the Bureau des Longitudes 643 What is Psycho-Analysis? By Dr. William Brown 643 The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By J. H. R. 645 Ancient Pigments. By A. H. C. 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. Coal in India. By H. L. 635 Coal in India. By H. L. 645 Martin Physical Traits of School Children 647 Martin Cartography. By H. G. L. 964 Martin Physical Traits of School Children 104 Martin Physical Traits of School Children 104 Wan Introduction to Cartography. By H. G. L. 96 Wirelesa Visionary. By C. A. 97 Visionary M. By C. A. 97 Visionary M. By C. A. 97 Visionary M. School Children 104 Visionary M. By C. A. 97 Visionary M. School Children 104 Visionary M. By C. A. 90 Visionary Visionary 104 Visionary 105 Visionary 105 Visionar	Observations at the Bottom of the Crater of	
Migratory Movements of Birds in 1911-12. By W. E. C. 635 Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott 638 Notes 637 Planetary Observations at the Lowell Observatory 643 Wave-lengths of Chromospheric Lines 643 The Annual of the Bureau des Longitudes 643 What is Psycho-Analysis? By Dr. William Brown 643 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Phenomenon of Anaphylaxis. By C. J. M. iii The Phenomenon of Anaphylaxis. By H. G. L. vi An Introduction to Cartography. By H. G. L. vi	Vesuvius. (Illustra'ed.) By Prof. John W. Judd,	
W. E. C	C.B., F.R.S.	633
Sir David Gill, K.C.B., F.R.S. By F. W. D. 635 Dr. R. T. Omond. By Dr. C. J. Knott	Migratory Movements of Birds in 1911-12. By	<i>(</i>
Dr. R. T. Omond. By Dr. C. J. Knott		
Notes 638 Our Astronomical Column:	Sir David Gill, K.C.B., F.R.S. By F. W. D.	
Our Astronomical Column : Planetary Observations at the Lowell Observatory	Dr. R. T. Omond, By Dr. C. J. Knott	038
Planetary Observations at the Lowell Observatory		030
Wave-lengths of Chromospheric Lines 643 The Annual of the Bureau des Longitudes 643 What is Psycho-Analysis? By Dr. William Brown 643 The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By 645 J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 652 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. va		6.0
The Annual of the Bureau des Longitudes 643 What is Psycho-Analysis? By Dr. William Brown 643 The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By J. H. R. J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 652 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi	Manetary Observations at the Lowell Observatory	643
What is Psycho-Analysis? By Dr. William Brown 643 The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By J. H. R. 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi	The Annual of the Purpose dog Longitudog	643
The Survey of India. By H. G. L. 645 The Association of Technical Institutions. By 645 Ancient Pigments. By A. H. C. 646 Celluloid and Its Dangers 646 Wireless Telegraphy. By A. A. Campbell Swinton 647 647 University and Educational Intelligence 648 Societies and Academies 649 Books Received 649 Diary of Societies 651 Diary of Societies 652 SUPPLEMENT. 651 Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi	When in Develop Analyzing 2 Pu Dr. William Brown	
J. H. R	The Survey of India Ry H G I	
J. H. R	The According of Technical Institutions By	045
Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence Societies and Academies Books Received Books Received Supplement. Coal in India. By H. L. The Physical Traits of School Children The Phenomenon of Anaphylaxis. By C. J. M. Wireless Wireless Wireless Societies Supplement. Coal in India. By H. L. Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wireless University and Educational Intelligence Goal in India. By H. L. Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wareless Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wirel	I H R	615
Wireless Telegraphy. By A. A. Campbell Swinton 647 University and Educational Intelligence Societies and Academies Books Received Books Received Supplement. Coal in India. By H. L. The Physical Traits of School Children The Phenomenon of Anaphylaxis. By C. J. M. Wireless Wireless Wireless Societies Supplement. Coal in India. By H. L. Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wireless University and Educational Intelligence Goal in India. By H. L. Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wareless Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wireless Wirel	Ancient Pigments By A H C	
University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 652 Coal in India. By H. L. 651 The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. v A Practical Visionary. By C. A. vi	Celluloid and Its Dangers	616
University and Educational Intelligence 648 Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 652 Coal in India. By H. L. 651 The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. v A Practical Visionary. By C. A. vi	Wireless Telegraphy By A A Campbell Swinton	647
Societies and Academies 649 Books Received 651 Diary of Societies 652 SUPPLEMENT. 652 Coal in India, By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi A Practical Visionary. By C. A. vi	University and Educational Intelligence	648
Books Received	Societies and Academies	
SUPPLEMENT. iii Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi A Practical Visionary. By C. A. vi	Books Received	
SUPPLEMENT. iii Coal in India. By H. L. iii The Physical Traits of School Children iii The Phenomenon of Anaphylaxis. By C. J. M. iv An Introduction to Cartography. By H. G. L. vi A Practical Visionary. By C. A. vi	Diary of Societies	
Coal in India. By H. L		للر -
The Physical Traits of School ChildreniiiThe Phenomenon of Anaphylaxis. By C. J. M.ivAn Introduction to Cartography.By H. G. L.vA Practical Visionary.By C. A.vi		
The Phenomenon of Anaphylaxis. By C. J. M iv An Introduction to Cartography. By H. G. L v A Practical Visionary. By C. A vi	Coal in India, By H. L.	
An Introduction to Cartography. By H. G. L v A Practical Visionary. By C. A vi	The Physical Traits of School Children	
An Introduction to Cartography. By H. G. L v A Practical Visionary. By C. A vi	The Phenomenon of Anaphylaxis. By C. J. M.	
A Practical Visionary. By C. A.	An Introduction to Cartography. By H. G. L.	
Consulta Chamistan	A Practical Visionary. By C. A.	V1

Dairying vii Popular, Practical, and Scientific Natural History. By R. I. P. viii School Geography. By R. N. R. B. ix

vi

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