Child Races of Central Africa. By the Rev. A. L. Kitching. Pp. xxiv+295. (London: T. Fisher Unwin.) 12s. 6d. net.

The Land of Goshen and the Exodus. By Sir H. Brown. Second edition. Pp. 92+2 maps. (London: E. Stanford.) 3s. net.

Mineralien-Sammlungen. Ein Hand- und Hilfsbuch für Anlage und Instandhaltung mineralogischer Sammlungen. By Dr. W. Brendler. ii. Teil. Pp. viii+700. (Leipzig: W. Engelmann.) 20 marks.

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The Fishes of the Indo-Australian Archipelago. I. Index of the Ichthyological Papers of P. Bleeker. By Drs. M. Weber and L. F. de Beaufort. Pp. xi+410. (Leiden: E. J. Brill, Ltd.)

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Physical Geography for South African Schools. By A. L. Du Toit. Pp. xii+250. (Cambridge: University Press.) 4s. 6d. net.

DIARY OF SOCIETIES.

THURSDAY, APRIL 18.

ROYAL INSTITUTION, at 3.—Synthetic Ammonia and Nitric Acid from the Atmosphere: Prof. A. W. Crossley, F.R.S.

LINNEAN SOCIETY, at 8.—*Botrychioxylon paradoxum*, a Palæozoic fern with secondary wood: Dr. D. H. Scott, F.R.S.—On *Psygmophyllum majus*, sp. nova, from the Lower Carboniferous rocks of Newfoundland, together with a revision of the genus, and remarks on its affinities: Dr. E. A. Newell Arber.—The Alpine Flora of the Canadian Rocky Mountains: Mrs. Henshaw.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—*Adjourned Discussion*: The Causes Preventing the More General Use of Electricity for Domestic Purposes.

INSTITUTION OF MINING AND METALLURGY, at 8.—Notes on the Valuation of Ores and Minerals and on Metallurgical Calculations: G. T. Holloway.—The Domes of Nova Scotia: T. A. Rickard.—Gels in Relation to Ore Deposition: E. Hatschek and A. L. Simon.—Recent Practice in Diamond Drilling and Borehole Surveying: J. I. Hoffmann.

FRIDAY, APRIL 19.

ROYAL INSTITUTION, at 9.—Electricity Supply: Past, Present, and Future: A. A. Campbell Swinton.

INSTITUTION OF MECHANICAL ENGINEERS, at 8.—Tenth Report to the Alloys Research Committee on the Alloys of Aluminium and Zinc: Dr. W. Rosenhain and S. L. Archbutt.

INSTITUTION OF CIVIL ENGINEERS, at 9.—"James Forrest" Lecture: Aerial Flight: A. Mallock, F.R.S.

MONDAY, APRIL 22.

ROYAL GEOGRAPHICAL SOCIETY, at 8.30.

TUESDAY, APRIL 23.

FARADAY SOCIETY, at 8.—Discussion on Magnetic Properties of Alloys, preceded by the following Papers: On the Magnetic Properties of Iron-carbon and Iron-silicon Alloys: Dr E. Gumlich.—The Dependence of Magnetisation on Composition in Chemical Compounds: Prof E. Wedekind.—The Magnetic Properties of a Variety of Special Steels at Low Temperatures, and The Heusler Alloys: Dr. Alexander D. Ross and Dr. J. G. Gray.—(1) The Magnetic Properties of Nickel and Manganese Steels with Reference to their Metallographical Composition; (2) The Magnetic Properties of the Compounds of Manganese with Phosphorous, Arsenic, Antimony, and Bismuth: Dr. S. Hilpert and Dr. E. Colver-Glauert.—The Nature of the Heusler Alloys: The Physical Aspect: Dr. E. Take.—The Chemical Aspect: Dr. F. Heusler.—Variation of Ferro-magnetic Properties of the Heusler Alloys with Composition and Heat Treatment: Prof. A. A. Knowlton.—The Relations between the Mechanical Hardness and the Retentivity and Permeability of Ferro-Alloys: Prof. C. F. Burgess and J. Aston.—The Magnetic Properties of the Iron-nickel, Iron-cobalt, and Nickel-cobalt Alloys: Prof. Pierre Weiss.

ROYAL STATISTICAL SOCIETY, at 5.—On the Methods of Measuring Association between Two Attributes: G. Udny Yule.

ROYAL ANTHROPOLOGICAL INSTITUTE, at 8.15.—Pre-Boulder Clay Man: Mr. Moir and Prof. A. Keith.

ZOOLOGICAL SOCIETY, at 8.30—A First Account of the Courtship of the Redshank (*Totanus calidris*): Julian S. Huxley.—Amphipoda from Bremerhaven: Mrs. E. W. Sexton.—Descriptions of New Fishes of the Family Loricariidæ in the British Museum Collection: C. Tate Regan.—The Circulatory System of the Common Grass Snake (*Tropidonotus natrix*): C. H. O'Donoghue.

INSTITUTION OF CIVIL ENGINEERS, at 8.—*Further Discussion*: The Remodelling and Equipment of Madras Harbour: Hon. Sir Francis J. E. Spring, K.C.I.E.—The Alteration in the Form of Madras Harbour: H. H. G. Mitchell.

WEDNESDAY, APRIL 24.

ROYAL SOCIETY OF ARTS, at 8.—Technical Education in Ireland: George Fletcher.

THURSDAY, APRIL 25.

ROYAL SOCIETY, at 4.30.—*Probable Papers*: The Diffusion and Mobility of Ions in a Magnetic Field: Prof. J. S. Townsend, F.R.S.—On the Observed Variations in the Temperature Coefficients of a Precision Balance: J. J. Manley.—On the Torque produced by a Beam of Light in Oblique Refraction through a Glass Plate: Dr. Guy Barlow.—Contributions to the Study of Flicker. III: Dr. T. C. Porter.

ROYAL INSTITUTION, at 3.—Synthetic Ammonia and Nitric Acid from the Atmosphere: Prof. A. W. Crossley, F.R.S.

ROYAL SOCIETY OF ARTS, at 4.30.—The Central Provinces: Sir John O. Miller, K.C.S.I.

INSTITUTION OF ELECTRICAL ENGINEERS, at 8.—Third Kelvin Lecture: Prof. H. du Bois.

CONCRETE INSTITUTE, at 8.—Discussion on reports presented by the Tests Standing Committee, entitled (1) The Testing of Concrete, Reinforced Concrete, and Materials Employed therein; (2) The Testing of Reinforced Concrete Structures on Completion.

FRIDAY, APRIL 26.

ROYAL INSTITUTION, at 9.—Sir William Herschel: Sir George Darwin, K.C.B., F.R.S.

PHYSICAL SOCIETY, at 5.—*Adjourned Discussion*: The Coefficients of Expansion of Fused Silica and Mercury: H. Donaldson.—The Solution of Net-work Problems by Determinants: R. Appleyard.—A Method of Measuring Small Inductances: S. Butterworth.

INSTITUTION OF CIVIL ENGINEERS, at 8.—The Principles and Practice of Accountancy in Relation to Engineering Design and Work: T. Frame Thomson.

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