

AMSTERDAM

Royal Academy of Sciences (*Proc.*, 38, No. 7, September 1935). C. U. ARIËNS KAPPERS: Stability and variability of Central and Palæo-Asiatic index maxima and some remarks on the Greenland Eskimo. G. VAN ITERSOM, JR. and J. COUMOU: A few remarks on the iodine-amylum reaction. Discussion of the nature of the blue complex and observations of the temperature of gelatinisation of starch in the presence of iodine and potassium iodide, separately and together. A relatively large rise of the gelatinisation temperature was observed in the last case. J. A. SCHOUTEN and J. HAANTJES: On general conformal geometry in projective treatment. A. A. NIJLAND: Mean light curves of long period variables. (24) *R. Lacertae*. The light of this star varies with a period of 299 days and an amplitude of 5.07 magnitudes. H. R. KRUYT and H. G. BUNGENBERG DE JONG: Extension of the theory of complex coacervation to ionic disperse systems. Experiments showing that coacervation (unmixing) occurs not only in colloidal solutions but also in supersaturated solutions of electrolytes. Miss A. M. HARTSEMA and A. H. BLAAUW: Shifting of periodicity by means of high temperatures. Adaptation and export to the southern hemisphere (2). By keeping daffodil bulbs at 28° until the next spring they can then be exported to the southern hemisphere to flower in late August. J. H. GISOLF: A demonstration experiment concerning the use of a Lummer plate. Shows the resolving power is markedly dependent on the direction of polarisation of the incident light, being greatest when the electric vector is parallel to the plane of the plate. A. ELLIOTT: A note on the β bands of boron monoxide. Data on the magnitude of the spin doubling in these bands, the existence of which had been questioned by Funke and Simons. V. HLAVATY: On conformal geometry (2). Applications particularly to the problem of the affine normals. C. S. MEYER: Integral expressions for Lommel and Struve functions (2). J. W. A. VAN KOL: Correction of some numbers of biquadratic space-curves of the first kind. There are 540 curves k^4 which meet four given straight lines. F. W. WENT: Coleoptile growth as affected by auxin, aging and food. Experiments on the function of auxin in which the auxin content is artificially increased. E. FREY: Experimental researches on the nucleus basalis opticus in the porpoise. E. FREY: The nucleus basalis opticus of the porpoise. T. KUROTSU: On the nucleus magnocellularis periventricularis in reptiles and birds. H. G. BUNGENBERG DE JONG and J. BONNER: Phosphatide autocomplex coacervates as ionic systems and their relation to the protoplasmic membrane. Suggests that the special properties of the protoplasmic membrane depend upon one or more double layers of oriented phosphatide ions similar to the double films of the phosphatide auto-complex coacervate.

CAPE TOWN

Royal Society of South Africa, July 17. A. J. H. GOODWIN: Recent changes in terminology in European prehistory. The term Clacton has been introduced in Europe to cover a flake culture which divides the Chellean and Acheulean. When Gabriel de Mortillet first organised the prehistoric period of France into a single chronological scheme, the site at Le Moustier shelter was made the type site of a major period. Later work by Comment on the

gravels of the Somme River necessitated the introduction of the term Levallois to cover part of the complex present at Le Moustier. Recent work by Dr. Ami at Combe Capelle, and by Henri Martin at La Quina have rendered a further analysis necessary. As a result, the Le Moustier site is now regarded as presenting three cultural themes, which here mingle: the Levallois, the true Moustierian, and the Acheulean tradition. Afterwards Pérony, Breuil and others have shown these themes in their earlier forms, and terms have been applied to cover these developments.

Forthcoming Events

[Meetings marked with an asterisk are open to the public.]

Sunday, October 13

BRITISH MUSEUM (NATURAL HISTORY), at 3 and 4.30.—Dr. Susan Finnegan: "Spiders".*

Monday, October 14

BRITISH MUSEUM (NATURAL HISTORY), at 11.30.—Capt. Guy Dollman: "Egg-Laying Mammals".*
UNIVERSITY OF LEEDS, at 5.15.—E. O. G. Turville-Petre: "Iceland".*

Tuesday, October 15

UNIVERSITY COLLEGE, LONDON, at 3.—Prof. B. Ashmole: "Greek Sculpture".*
KING'S COLLEGE, LONDON, at 5.30.—A. Ramsay Moon: "Electric Welding as Applied to Structural Work" (succeeding lectures on October 22 and 29).*
GRESHAM COLLEGE, at 6.—A. R. Hinks: "Our Sun's Neighbours" (Gresham Lectures on Astronomy. Succeeding lectures on October 16, 17 and 18).*
BRITISH INSTITUTE OF PHILOSOPHY, at 8.15.—(in University College, Gower Street, W.C.1).—The Right Hon. Sir Herbert Samuel: "New Science and Old Philosophy". (Presidential Address.)

Wednesday, October 16

SOCIETY OF GLASS TECHNOLOGY, at 2.—(at the University of Sheffield). B. P. Dudding: Presidential Address.

Thursday, October 17

BRITISH INSTITUTE OF RADIOLOGY, at 8.—(in the Reid-Knox Hall).—L. A. Rowden: "Looking Backward and Looking Forward" (Presidential Address).
ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE, at 8.15.—Sir Arthur Bagshawe: Presidential Address.

Friday, October 18

ROYAL ASIATIC SOCIETY, at 4.15.—Prof. John Garstang: "Further Discoveries at Jericho".
NORTH EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS, at 6.—Dr. John T. Batey: Presidential Address.

Official Publications Received

Great Britain and Ireland

Brighton Technical College. Calendar, Session 1935-36. Pp. 119. (Brighton: Technical College.)
British Medical Association. Family Meals and Catering. Pp. 27+3 plates. (London: British Medical Association.) 6d.
Spanish Influence on the Progress of Medical Science: with an Account of the Wellcome Research Institution and the Affiliated Research Laboratories and Museums founded by Sir Henry Wellcome. Commemorating the Tenth International Congress of the History of Medicine, held at Madrid, 1935. Pp. 121. (London: Wellcome Research Institution.)
Transactions of the Royal Society of Edinburgh. Vol. 58, Part 2, No. 19: The Female Reproductive System in the Guinea-Pig; Intra-ovum Staining, Fat Production, Influence of Hormones. By Dr. Thomas Nicol. Pp. 449-486+6 plates. (Edinburgh: Robert Grant and Son; London: Williams and Norgate, Ltd.) 8s. 6d.