

as of other improvements of a minor character. The behaviour of steel-cored aluminium conductor and the methods employed for jointing it are described in detail, and alternative copper conductors are also mentioned. The development of new types of insulators to suit operating conditions in country districts is also described. The steps taken to reduce the effect of lightning, for example, more effective earthing, gap control, and the limited use of double earth-wires, are covered, and alterations in towers which have proved advisable are detailed.

Mineral-Insulated Metal-Sheathed Conductors

A PAPER, read by F. W. Tomlinson and H. M. Wright before the Institution of Electrical Engineers in London on December 13, records the progress made in the application of powdered mineral insulation to metal-sheathed conductors, and describes manufacturing methods and the application of those products which have reached a commercial stage of development. The paper reviews the raw materials used, their properties, and the various manufacturing methods employed. Those applications of the various types of mineral-insulated conductors which have found particular favour are described, and their limitations are indicated. The most recent development, namely, mineral-insulated copper-covered cable, and its variations, is dealt with at greatest length. While this type of cable should be regarded as being designed to meet ordinary requirements, it can be used under conditions which no other type of cable will withstand.

Travelling Fellowships in Medicine

THE Medical Research Council invites applications for the following travelling fellowships for the academic year 1946-47. Rockefeller Medical Fellowships: for graduates resident in Great Britain who have had training in research work in clinical medicine or surgery, or in some other branch of medical science, and who are likely to profit by a period of work at a centre in the United States or elsewhere abroad, before taking up positions for higher teaching or research in the United Kingdom. Dorothy Temple Cross Research Fellowships in Tuberculosis: to give special opportunities for study or research to suitably qualified British subjects of either sex "intending to devote themselves to the advancement by teaching or research of curative or preventive treatment of tuberculosis in all or any of its forms". Completed applications for either of these fellowships must be lodged with the Council not later than June 1. Further particulars and forms of application are obtainable from the Secretary, Medical Research Council, 38 Old Queen Street, Westminster, S.W.1.

Cambrian Archæological Association Awards

At the meeting of the general committee of the Cambrian Archæological Association held on April 5 at Shrewsbury, the first awards of the G. T. Clark Prizes, founded in 1939 by Mr. Wyndham D. Clark in memory of his grandfather, Mr. G. T. Clark, author of "Medieval Military Architecture in England" and other works, were announced as follows: *Section (a): Prehistory*: To Mr. W. F. Grimes, keeper and secretary of the London Museum, for his "Guide to the Collections illustrating the Pre-history of Wales", published by the National Museum of Wales; *Section (b): Roman Period and Dark Ages to c. A.D. 1100*: To Sir Cyril Fox, director of the National Museum of Wales, for his Sir John

Rhys Memorial Lecture on "The Boundary Line of Cymru", published in the *Proceedings of the British Academy*, 1940; *Section (c): Medieval Period, c. A.D. 1100 to 1550*: To Mr. F. H. Crossley, for his series of articles on "Welsh Screens and Lofts" in *Archæologia Cambrensis*, 1943 onwards; *Section (d): Post-Medieval Period, after c. A.D. 1500*: To Dr. Iorwerth C. Peate, keeper of the Department of Folk-Life in the National Museum of Wales, for his work "The Welsh House", vol. 47 of *Y Cymmrodor*, 1940. These prizes were awarded "to the authors of the best book or books, paper or series of papers published during the preceding ten years on the Archæology of Wales and the Marches in each of the four special periods". They will be formally presented at the centenary annual general meeting of the Cambrian Archæological Association, to be held at Aberystwyth during September 3-7.

Hungarian Academy of Sciences

A NEW Academy of Sciences has been founded in Budapest under the presidency of Prof. A. Szent-Györgyi. The academy is publishing five journals: *Acta Hungarica Mathematica, Physica, Chimica, Physiologica* and *Biologica*. The journals are written in the usually accepted languages, and are predominantly in English. They contain original papers only. The Academy is anxious to enter into exchange relations. Its address is Eszterházy u 9, Budapest.

The Night Sky in May

NEW moon occurs on May 1d. 13h. 16m., U.T., and full moon on May 16d. 02h. 52m. The following conjunctions with the moon take place: May 3d. 02h., Venus 2° N.; May 6d. 05h., Saturn 2° S.; May 7d. 10h., Mars 2° S.; May 13d. 01h., Jupiter 3° S. No occultations of stars brighter than mag. 6 take place during the month. Mercury is in superior conjunction with the sun on May 31 and is not well placed for observation throughout the month. Venus is a conspicuous object in the western sky and sets about two hours after the sun during the month. The portion of the illuminated disk visible from the earth varies from 0.93 to 0.86 during May. Mars and Saturn are still visible in the earlier portion of the night, the former setting at midnight on May 31 and the latter about an hour earlier. Jupiter is still favourably placed for observation and does not set until 4h. 07m. and 2h. 10m. at the beginning and end of the month respectively. There is a partial eclipse of the sun on May 30, invisible at Greenwich.

Announcements

MR. LEWIS LEWIS has succeeded Mr. Guy Gresford as secretary of the Australian Scientific Research Liaison Office at Australia House, Strand, London, W.C.2. The latter will shortly be returning to Australia to take up an appointment with the Council for Scientific and Industrial Research.

IN reply to a question from Mr. Weitzman in the House of Commons on April 11, the Minister of Labour said that it is not proposed to publish the report of the Hankey Committee on Further Education and Training. The information which it contains as to prospects and training facilities in the professions has been made generally available in the handbook and pamphlet in the "Careers for Men and Women" series, and the steps to be taken to expand university education are now being actively considered.