

June 19.96971 U.T.;  $\omega$ ,  $107^{\circ} 25' 56.0''$ ;  $\Omega$ ,  $127^{\circ} 57' 11.0''$ ;  $i$ ,  $41^{\circ} 43' 31.7''$ ;  $e$ , 1.009143;  $g$ , 1.739393. The orbit fits in with a number of other observations, but in many cases there are residuals of the order  $1^s$  in right ascension. The object must be difficult to observe accurately as even on the same night discrepancies of about  $1^s$  arise between different observers. Generally speaking, the residuals in declination are small.

#### Announcements

SIR THOMAS HOLLAND will deliver the Huxley Memorial Lecture in the Huxley Building of the Imperial College of Science and Technology, South Kensington, on May 4, at 5.30. The subject of Sir Thomas's lecture will be "The Permanence of Oceanic Depressions and Continental Elevations".

THE George Darwin Lecture of the Royal Astronomical Society will be delivered by Prof. N. E. Nörlund at the ordinary meeting of the Society on May 14. His subject will be "Astronomical Longitude and Azimuth Determinations".

DR. SIMON FLEXNER, director of laboratories of the Rockefeller Institute, New York, has been elected a foreign associate of the Paris Academy of Sciences in succession to the late E. P. di Sessa.

PROF. JULIUS WAGNER-JAUREGG, professor of psychiatry and neurology at the University of Vienna and pioneer in the malarial treatment of general paralysis, celebrated his eightieth birthday on March 7.

A CORRESPONDENT, writing with reference to the article in NATURE of March 27 on the work of the Department of Scientific and Industrial Research, informs us the fundamental research on the setting of keratin (p. 535) in the manner used in 'permanent waving' is due to Dr. J. B. Speakman, of the Textile Department of the University of Leeds, and not to the Woollen Industries Research Association. In the first paragraph of the leading article of the same issue, the reference to Mr. D. R. H. Wilkins should have read Mr. D. R. H. Williams.

THE Central Executive Committee of the U.S.S.R. has conferred the Order of Lenin on Prof. A. N. Bach, on the occasion of the fiftieth anniversary of his scientific activity, and for his outstanding services in the field of biochemistry. Prof. Bach celebrated his eightieth birthday on March 17. During his half-century of scientific research, he has published about 120 works, mostly dealing with problems of biochemistry. The three fundamental problems to which he devoted his energies were the chemistry of photosynthesis, respiration and enzyme action.

THE National Trust announces that through the generosity of Mrs. Pollard, honorary secretary of the Cornwall branch of the Council for the Preservation of Rural England, the beautiful cliff lands extending for three quarters of a mile from Mullion Cliffs at

Porth Pyg about a mile and a quarter south of Mullion to the north end of Prodannack Head have been preserved by means of covenants in connexion with which part of the land will pass into the actual ownership of the Trust. The Tehidy Minerals Co., Ltd., has generously co-operated in regard to the mineral rights which it owned. The Trust will now be protecting eighteen coastal properties in Cornwall.

THE forty-second Annual Congress of the South-Eastern Union of Scientific Societies will be held at Hastings on June 8-12, under the presidency of Prof. F. E. Weiss. The title of Prof. Weiss's address will be: "Competition and Co-operation in Nature." Further information can be obtained from the honorary general secretary, Mr. W. C. Fishlock, 19 South View Avenue, Reading.

UNDER the terms of the Thomas Gray Memorial Trust, the Royal Society of Arts is offering a prize of £75 to any person for an invention, publication, diagram, etc., which is considered to be an advancement in the science or practice of navigation; and a prize of £25 for an essay on "The Stability of Ships". Further information can be obtained from the Secretary, Royal Society of Arts, John Street, Adelphi, W.C.2.

A SPECIAL Summer School and Conferences on Strength of Materials will be held at the Massachusetts Institute of Technology for four weeks beginning on June 21. The following subjects will be considered: creep (Dr. A. Naddi and Mr. C. R. Soderberg); fatigue (Dr. H. J. Gough); strength of materials (members of the Institute staff). Further particulars may be had by communicating with Prof. John M. Lessells, Department of Mechanical Engineering, Massachusetts Institute of Technology, who is director of this Summer School.

ON April 30, a joint meeting of the Institute of Radio Engineers and the International Scientific Radio Union (American Section) will be held in Washington. A group of papers on the more fundamental scientific aspects of radio communication, including radio measurements, radio circuit theory, radio transmission phenomena including ionosphere phenomena will be presented. The meeting is open to the public. Further information can be obtained from R. C. Ould, 3747 Huntington Street, Washington, D.C.

THE sixth Italian Congress of Microbiology will be held at the Milan Institute of Serotherapy on April 21-24. Further information can be obtained from Segretaria del Congresso, via Darwin 20, Milano 124.

THE twenty-eighth Congress of the German Röntgen Society will be held in Breslau under the presidency of Prof. Pleikart Stumpf of Munich on April 12-14, when an exhibition of X-ray apparatus will also be held. Further information can be obtained from Fachgruppe Elektromedizin, Corneliusstrasse 1, Berlin W.15.