The reservoir supplies domestic water and stands next to a suburban area, and is fed with filtered and chlorinated water conveyed by a closed pipe from reservoirs 25 miles away. A second smaller reservoir, separated only by a narrow embankment from the one in which the fish died, is used for industrial purposes and is fed from local streams. Both are stocked with trout and have been open to anglers for years. Apparently there have been no earlier outbreaks of disease in this reservoir. Many trout from other sources, including the supply reservoir 25 miles distant, were examined, but the cestode was not found in them, until, in March 1943, it was found in trout from the second smaller reservoir.

When the plerocercoids were fed to laboratory rats and to one dog, they developed into adult worms which resembled *Diphyllobothrium latum*, the 'broad tapeworm' of man. On the other hand, when they were implanted into the subcutaneous tissues and peritoneal cavities of rats, they did not multiply, but were encapsuled by fibrous tissue, remaining alive for three weeks. Identification of the species of the family Diphyllobothridæ is difficult, because only one stage in the life-histories of so many of them is known. The identity of the species found in these trout with D. latum of man has not yet been fully established. The adult, the egg, the coracidium and procercoid seem to correspond with those of D. latum, but the plerocercoids do not; they seem to correspond with the descriptions given of Dibothrium cordiceps, which caused epidemics in trout in one of the Yellowstone Park Lakes. Similar epidemics have occurred in Elk Lake, Oregon and in California. Some helminthologists regard D. cordiceps as being identical with D. latum; others do not.

The authors' further work on the identity of this parasite will be awaited with interest, because D. latum is recorded in the British Isles only from the west of Ireland. To this record, Duguid and Sheppard add the Shetland Islands, where it is, they conclude from material supplied to them by Dr. Peterson of Yell, endemic among the freshwater trout of certain areas. D. latum is described as being cosmopolitan by some authorities, but the most important foci of it are all around the Baltic Sea, some of the Lakes of Switzerland and Italy, Bavaria, Hungary, the Danube delta, Poland and Rumania; it is also common in Turkestan and parts of Siberia and Japan, and foci are known in Africa. Its definitive hosts, apart from man, include the dog, cat, pig and various aquatic and terrestrial carnivores. It requires two intermediate hosts, a freshwater copepod and a freshwater fish (perch, pike, salmon trout, etc.). The Cyclopidæ Diaptomus gracilis and Cyclops strenuus are commonly the crustacean hosts, and Duguid and Sheppard describe the life history of the South Wales species in these two copepods. They had not, at the time of writing, infested fish by feeding them with infested copepods. Nor could they explain how the parasite got into this carefully protected reservoir. found little evidence that birds (for example, the gull) brought it there; it seemed more likely that a small mammal was the carrier. One Belgian soldier, who was later found to be a carrier of D. latum, had camped in the neighbourhood.

Commenting on this paper, The Lancet (April 8, p. 475) points out that D. latum has been introduced by immigrants into the United States, and suggests the possibility that it may have been brought to Great Britain by refugees from Norway or Poland. G. LAPAGE.

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

Laboratory Attendant in the Department of Organic Chemistry—The Secretary, Bedford College for Women, Regent's Park, London, N.W.1 (August 9).

Graduate Lecturer (full-time) for Geography in the Newport Technical College—The Director of Education, Education Offices, Charles Street, Newport, Mon. (August 11).

Speech Therapist—The Director of Education Officer, West House, Halifax (August 12).

Speech Therapist—The Director of Education, Stanley Buildings, Caunce Street, Blackpool (August 12).

Speech Therapist—The Director of Education, Stanley Buildings, Caunce Street, Blackpool (August 12).

Assistant Physicist ot the Sheffield Radium Centre—The Secretary, Sheffield Radium Centre, Royal Infirmary, Sheffield 6 (August 12).

Biologist at the West Midland Forensic Science Laboratory at Birmingham—The Establishment Officer, Room 320, Home Office, Whitehall, London, S.W.1 (August 12).

Assistant Lecturer in Metallurgy—The Acting Registrar, The University, Leeds 2 (August 12).

Chief Metallurgical Chemist with established Midland firm to take charge of Laboratory, Chemical Control of Production, and Experimental Research work in connexion with Powdered Metals, etc.—The Ministry of Labour and National Service, Boom 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. F.2751XA) (August 14).

Electrical Engineer by the Tanganyika Territory Government Labour Department—The Ministry of Labour and National Service.

August 14).

ELECTRICAL ENGINEER by the Tanganyika Territory Government Labour Department—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. D.904A) (August 14).

ASSISTANT MASTER to teach Science Subjects at the Exeter Junior Technical School—The Director of Education, City Education Offices, 33 St. David's Hill, Exeter (August 14).

SFEECH THERAPIST (female)—The Director of Education, Huntriss Row, Scarborough (August 14).

ANTI-MALARIAL ENGINEER by the Government of Fiji—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.1082A) (August 14).

GRADUATE ASSISTANT MASTER to teach PHYSICS AND ENGINEERING SCIENCE at the Abersychan Technical Institute—The Director of Education, Higher Education Department, County Hall, Newport, Mon. (August 15).

Education, Higher Education Department, County Hall, Newport, Mon. (August 15).

EDUCATIONAL PSYCHOLOGIST, and a PSYCHIATRIC SOCIAL WORKER—The Secretary, Belfast Child Guidance Clinic, Belfast Hospital for Sick Children, 180 Falls Road, Belfast (August 15).

LECTURER IN MECHANICAL ENGINEERING OR MATHEMATICS at the Monmouthshire Mining and Technical College, Crumlin—The Director of Education, Higher Education Department, County Hall, Newport, Mon. (August 15).

GENERATION ENGINEER—The Borough Electrical Engineer and Manger, Guildhall, Swansea (August 19).

ASSISTANT LECTURER (temporary) in Mathematics—The Registrar, University College, Exeter (August 19).

PRINCIPAL OF THE ROYAL TECHNICAL COLLEGE, Salford—The Correspondent to the Governors, Education Offices, Chapel Street, Salford 3, Lanes. (August 21).

BOROUGH ENGINEER AND SURVEYOR to the County Borough of Southampton—The Town Clerk, Town Clerk's Office, Civic Centre, Southampton—The Town Clerk, Town Clerk's Office, Civic Centre, Southampton—The Town Clerk, Town Clerk Town Clerk, Town Hall

BOROUGH ENGINEER AND SURVEYOR—The Town Clerk, Town Hall, West Ham, London, E.15 (endorsed 'Borough Engineer and Surveyor') (September 4).
UNIVERSITY READERSHIP IN PHYSICS tenable at King's College—

The Academic Registrar, University of London, c/o Richmond College, Richmond, Surrey (September 6).

CHAIR OF MINING—The Acting Registrar, The University, Leeds 2

(September 30).
LECTURER IN PHILOSOPHY—The Very Rev. the Dean, Christ Church,

Oxford (October 15).
PROFESSOR OF PHYSICS—The Registrar, University College, Singleton Park, Swansea.

LECTURER IN ELECTRICAL ENGINEERING with special reference to design of Electrical Machinery—The Principal, Faraday House Electrical Engineering College, 62-70 Southampton Row, London,

W.C.1.

LECTURER IN MECHANICAL ENGINEERING for teaching Senior and Junior Day and Evening Students, and a Lecturer in Chemistry with subsidiary Mathematics, Physics or Biology—The Principal, Municipal College, Victoria Circus, Southend-on-Sea.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

Great Britain and Ireland

British Rubber Producers' Research Association. Publication No. 46:
Strains in an Inflated Rubber Sheet, and the Mechanism of Bursting.
By Dr. L. R. G. Treloar. Pp. 12. Publication No. 47: The Structure
and Elasticity of Rubber. By Dr. L. R. G. Treloar. Pp. 24. Publication No. 48: Rubber, Polyisoprenes and Allied Compounds,
Part 6: The Mechanism of Halogen-substitution Reactions, and the
Additive Halogenation of Rubber and of Dihydromyreene. By
George F. Bloomfield. Pp. 8. (London: British Rubber Producers'
Research Association.)
Report, January 1st to December 31st, 1943, with Proceedings of
Annual Meeting, 1944. Pp. 48. (London: Royal Society for the
Protection of Birds.) 1s. [147]