

life-history, ecology, population studies, fishery and utilization and includes observations on autotomy and autoplasy; a large female with a carapace-length of 13.5 cm. is estimated to produce 549,000 eggs. No. 8 is a paper that should prove of use to zoologists everywhere. It contains a bibliography which is complete from Delius and Linnæus (both 1758) up to and including 1949; it comprises 1,216 entries and is a valuable compilation. There is also a key for the whole of the Collembola carried down to genera; and, as the characters given are only those essential for generic identification, the name of each genus is followed by that of its author, the date and a number in brackets referring to the citation of that publication in the bibliography in which the original definition of the genus is to be found. This work is additionally welcome because it provides the first review of the entire order since the memoirs of Börner in 1906 and 1913.

#### British Contribution to Television: Convention in London

THE Radio Section of the Institution of Electrical Engineers is arranging a convention on "The British Contribution to Television", to be held in London at the Institution during April 28-May 3, 1952. The whole field of television will be covered in nine sessions, each approximately two hours in duration, at which a survey paper and a number of supporting papers will be discussed. First there will be a historical paper and a broad survey paper to act as an introduction to the whole convention, and this will be followed by sessions as follows: programme origination, point-to-point transmission, broadcasting stations, propagation, receiving equipment (two sessions), non-broadcasting applications, and system aspects. In addition to these technical sessions, there will be a number of visits to industrial and other appropriate organizations. Proofs of all papers should be available shortly before the meeting. The convention will be open to all; those who are not members of the Institution will be required to pay a registration fee. The proceedings of the convention will be published in four issues of Part IIIA of the *Proceedings of the Institution of Electrical Engineers*. Further details can be obtained from the Institution of Electrical Engineers, Savoy Place, London, W.C.2.

#### Colonial Service: Recent Appointments

THE following appointments in the Colonial Service have recently been announced: E. F. Allen and E. J. H. Berwick (agricultural officers, Federation of Malaya), senior agricultural officers, Federation of Malaya; H. Gillman (senior agricultural officer, Tanganyika), deputy director of agriculture, Nyasaland; R. W. Kettlewell (deputy director of agriculture, Nyasaland), director of agriculture, Nyasaland; A. B. Killick (director of agriculture, Uganda), professor of agriculture and director of studies, Imperial College of Tropical Agriculture, Trinidad; A. F. Mackenzie (senior agricultural officer, Sierra Leone), deputy director of agriculture, Sierra Leone; De W. N. Scott (agricultural officer, Federation of Malaya), senior agricultural officer, Federation of Malaya; D. Thornton (senior agricultural officer, Tanganyika), chief soil conservation officer, Tanganyika; A. C. Brooks (chief chemist, Federation of Malaya), director of chemistry, Federation of Malaya; I. A. Beveridge (senior assistant conservator of forests, Gold Coast), conservator of forests, Gold Coast; D. C. Duff (assistant conservator of forests,

Gold Coast), senior assistant conservator of forests, Gold Coast; J. M. Cave (assistant agricultural officer, British Honduras), agricultural superintendent, St. Vincent, Windward Islands; C. A. Lea (assistant director, Meteorological Services, Federation of Malaya), director, Meteorological Services, Federation of Malaya; N. A. MacHattie (forester, Tanganyika), superintending forester, Tanganyika; R. H. Ball and P. Bradshaw, agricultural officers, Nigeria; D. V. Chambers, R. Frank, W. G. Mathewson and J. Russell, agricultural officers, Tanganyika; T. J. Forbes and K. Landskroner, agricultural officers, Gold Coast; R. N. Green, agricultural officer, Somaliland Protectorate; G. Heys, agricultural officer, Nyasaland; A. J. Jones, entomologist, Tanganyika; R. Knight, plant breeder, West African Cocoa Research Institute, Gold Coast; C. J. Piggott, soil chemist, Sierra Leone; P. B. N. Jackson, scientific officer, Northern Rhodesia; W. N. Scott, veterinary officer, Uganda; E. A. Thomas, veterinary officer, Tanganyika; R. M. Bredon, nutritional chemist (Veterinary Department), Uganda; J. O. Egerton, assistant conservator of forests, Federation of Malaya; J. G. Harris, assistant conservator of forests, Nigeria; G. M. Higgins, agricultural soil chemist, Nigeria; K. A. Hirst and A. B. Law, meteorologists, Northern Rhodesia; W. A. Sands, scientific officer, Termite Research, East Africa High Commission; Miss A. G. Smith, meteorological assistant, Bermuda; T. J. Tanner, meteorological officer, Northern Rhodesia; T. W. Tinsley, plant pathologist, West African Cocoa Research Institute, Nigeria; V. J. Weston, soil scientist, Nigeria; W. R. Williams, senior geologist, Tanganyika; R. A. M. Wilson, geologist, Cyprus.

#### Announcements

WE regret to announce the death on October 6 of Prof. O. F. Meyerhof, For.Mem.R.S., formerly director of the Kaiser Wilhelm Institute of Physiology, Heidelberg, and recently research professor of biochemistry, University of Pennsylvania.

H.M. THE KING OF DENMARK has bestowed upon Dr. D. A. Allan, director of the Royal Scottish Museum, Edinburgh, the decoration of Knight of the Order of the Dannebrog, in recognition of his work in furthering the knowledge of Danish culture in Great Britain and his co-operation with the Danish national museums and kindred institutions.

THE Council of the Illuminating Engineering Society has awarded the Leon Gaster Memorial Premium for 1951 to Mr. H. W. Cumming, of the Research Laboratories of Siemens Electric Lamps and Supplies, Ltd., Preston, for his paper entitled "The Extension of the Gas Arc Condition".

ON the recommendation of Sir Alfred Egerton, director of the Salters' Institute of Industrial Chemistry, the following awards have been made for the year 1951-52: *Salters' Fellowships*: Dr. A. P. C. Cumming and Raymond Grafton; *Salters' Scholarship*: Malcolm McLeman.

THE Sindicato Vertical de Industrias Químicas is holding a conference in Barcelona during November 8-15 on "Safety and Hygiene in Chemical Industry from the Point of View of the Manager, Technician and Operative". Further details can be obtained from the secretary-general of the conference, Sindicato Provincial de Industrias Químicas C.N.S., Via Layetana, 18 Barcelona.