

The larvæ of *Leander squilla* forma *typica* are described in detail and closely resemble those of *L. adspersus*, although the colour is quite different. Five or six larval stages are recognized, the last stage changing to post-larva. The larval characters of the two species are compared in a table. The whole planktonic larval period lasts for about four weeks, after which the post-larvæ make their way to the shores. This they do very quickly, often before another moult takes place, and the young prawns appear on the shores in enormous quantities.

The illustrations throughout are very good, including clear outline figures in text and plates. The photographic film figures are very illuminating.

## FORTHCOMING EVENTS

### Saturday, June 17

BIOCHEMICAL SOCIETY (in the Physiology Department, University College, Dundee), at 2 p.m.

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (at Neville Hall, Newcastle-upon-Tyne), at 2 p.m.—Mr. H. R. Wheeler: "American System of Coal Mining"; Messrs. R. Williams, W. Jeffery and A. Taylor: "Outbursts of Gas from the Floor of Coal Seams", Part 1.

### Monday, June 19

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 3 p.m.—Annual General Meeting.

ASSOCIATION OF AUSTRIAN ENGINEERS, CHEMISTS AND SCIENTIFIC WORKERS IN GREAT BRITAIN (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 7.15 p.m.—Prof. P. H. Gross: "Planning and Education for Technical Research".

### Tuesday, June 20

SCIENTIFIC INSTRUMENT MANUFACTURERS' ASSOCIATION (at the Waldorf Hotel, Aldwych, London, W.C.2), at 1 p.m.—Luncheon Meeting. Mr. J. Chuter Ede, D.L., M.P.: "Technical Education".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—Mr. R. J. E. Silvey: "Listener Research".

### Wednesday, June 21

ROYAL SOCIETY OF MEDICINE (joint meeting of the SECTION OF COMPARATIVE MEDICINE with the INSTITUTE FOR THE STUDY OF ANIMAL BEHAVIOUR) (at 1 Wimpole Street, London, W.1), at 2.30 p.m.—Dr. C. S. Myers, F.R.S.: "Instinct"; Dr. W. H. Thorpe: "Learning Processes in Animals"; Prof. D. B. Johnstone-Wallace: "Grazing Habits of Beef Cattle"; Dr. Arthur Walton: "Comparative Sexual Behaviour in the Male".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 3 p.m.—Scientific Papers.

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 4.30 p.m.—Mr. N. Carruthers: "A Simple Periodoscope for Meteorological Data". Dr. T. E. Allibone: "Multiple Lightning Strokes".

ZOOLOGICAL SOCIETY OF LONDON (at Regent's Park, London, N.W.8), at 4.30 p.m.—Exhibition of a Cinematograph Film of some Animals taken in the Society's Gardens, with Commentary by Dr. Edward Hindle, F.R.S.; Mr. Michael Pease: "The Cambridge Auto-sexing Poultry Breeds".

### Saturday, June 24

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY (joint meeting with the SCIENTIFIC FILMS ASSOCIATION) (at the Large Theatre, Ministry of Information, Malet Street, London, W.C.1), at 3 p.m.—Discussion on "The Construction and Presentation of Scientific Films". (Mr. Arthur Elton: "The Scope and Distribution of Scientific Films"; Mr. Geoffrey Bell: "Shooting Scientific Films"; Dr. J. Yule Bogue: "The Production of Scientific Films for Medical and Biological Purposes".)

## APPOINTMENTS VACANT

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

LECTURER IN ENGINEERING in West Africa—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.836A) (June 21).

PHYSICIST for essential War work (work would include experience in various research departments of a North London firm specializing in optical instruments for scientific and industrial research and control)—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. A.518XA) (June 21).

LECTURER (woman, resident) in BIOLOGY at the Cheshire County Training College, Crewe (for Women students)—The Director of Education, County Education Offices, City Road, Chester (June 22).

GRADUATE LECTURER IN GENERAL SCIENCE—The Principal, Derby Technical College, Normanton Road, Derby (June 23).

LECTURER IN ELECTRICAL MACHINERY in the Department of Electrical Engineering—The Registrar, King's College, Newcastle-upon-Tyne 2 (June 24).

TEACHER (full-time) OF GENERAL SCIENCE with qualifications in PHYSICS and CHEMISTRY, in the Junior Technical School of Oldham Municipal Technical College—The Director of Education, Education Offices, Oldham (June 24).

ASSISTANT MASTER to take ENGINEERING SUBJECTS (Mechanical or Electrical), with subsidiary Mathematics or Drawing, an ASSISTANT MASTER to take PRODUCTION ENGINEERING Subjects, with Workshop Practice, and an ASSISTANT MASTER to take MATHEMATICS and SCIENCE, with subsidiary Drawing—The Principal, Enfield Technical College, Queensway, Enfield, Middlesex (June 24).

MASTER or MISTRESS to teach MATHEMATICS in the Mid-Essex Technical College—Mr. E. W. Alston, Education Office, Mid-Essex Technical College, Chelmsford (June 24).

PSYCHIATRIC SOCIAL WORKER with qualifications in SOCIAL SCIENCE and MENTAL HEALTH—The Director of Education, Education Offices, Middlesbrough (June 24).

EDUCATIONAL PSYCHOLOGIST (man or woman)—The Director of Education, Education Offices, Wolverhampton (June 24).

AGRICULTURAL CHEMIST—The Director of Agriculture, School of Agriculture, Houghall, Durham (June 24).

HORTICULTURAL ASSISTANT (temporary, male or female)—The Clerk to the County Council, County Offices, Sleaford, Lincs. (June 24).

LECTURER IN MECHANICAL ENGINEERING, and a LECTURER IN MATHEMATICS, in the Denbighshire Technical College—The Director of Education, Education Offices, Ruthin, Denbighshire (June 26).

LECTURER (temporary) IN MATHEMATICS—The Registrar, King's College, Newcastle-upon-Tyne 2 (June 26).

ENGINEER AND WORKS MANAGER of the Great Berkhamsted Waterworks Undertaking—The Acting Secretary, Great Berkhamsted Waterworks Co., 166 High Street, Berkhamsted (June 30).

SENIOR LECTURER IN SCIENCE with Graduate or equivalent qualifications in PHYSICS and CHEMISTRY, in the Ipswich School of Technology—The Secretary for Education, 17 Tower Street, Ipswich (June 30).

COMBUSTION AND RESEARCH ENGINEER by large organization, with headquarters at Glasgow—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. C.2031XA) (July 1).

ASSISTANT LECTURER IN ENGINEERING—The Registrar, The University, Manchester 13 (July 1).

MECHANICAL ENGINEER (with general experience and good Degree) for Research and Development in Steel Tube Industry (Midlands)—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. C.2162XA) (July 3).

SENIOR ASSISTANT DRAINAGE AND IRRIGATION ENGINEER (Reference No. E.902A), and a JUNIOR ASSISTANT DRAINAGE AND IRRIGATION ENGINEER (Reference No. E. 903A), by the Sierra Leone Government—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting appropriate Reference No.) (July 5).

EXECUTIVE ENGINEER by the Sierra Leone Government—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting Reference No. E.1011A) (July 5).

TECHNICAL CHEMIST (Reference No. F.2012XA) and a LABORATORY ASSISTANT (Reference No. F.2503XA), by London Paint Manufacturers—The Ministry of Labour and National Service, Room 432, Alexandra House, Kingsway, London, W.C.2 (quoting appropriate Reference No.) (July 8).

ASSISTANT SECRETARY to the Oxford and Cambridge Schools Examination Board—The Chairman of the Oxford Delegacy, St. Catherine's Building, St. Aldate's, Oxford (July 31).

READERSHIP IN PHYSICAL ANTHROPOLOGY—The Registrar, University Registry, Oxford (August 31).

ASSISTANT LECTURER (Grade III) IN THE DEPARTMENT OF ORGANIC CHEMISTRY—The Registrar, The University, Liverpool.

PSYCHIATRIC SOCIAL WORKER (full-time)—The Secretary, Education Office, Trinity Street, Colchester.

TEACHER OF MATHEMATICS AND PHYSICS in the Handsworth Technical College and Junior Technical School—The Principal, Handsworth Technical College, Golds Hill Road, Birmingham 21.

TEACHER OF SCIENCE (particularly CHEMISTRY) AND MATHEMATICS, and a TEACHER OF MATHEMATICS AND ENGINEERING SUBJECTS, in the Slough Junior Technical and Commercial School—The Secretary for Education, County Offices, Aylesbury, Bucks.

GRADUATE LECTURER IN SCIENCE AND MATHEMATICS—The Clerk to the Governors, Technical College, Chesterfield.

TEACHER (temporary) OF CHEMISTRY and/or PHYSICS, with subsidiary MATHEMATICS, in the Swansea Technical College—The Director of Education, Education Department, Guildhall, Swansea.

GRADUATE IN PHYSICS, a GRADUATE to teach ELEMENTARY MATHEMATICS and SCIENCE, mainly for work in the Day Technical School for Boys and part-time Day Classes, and a GRADUATE to teach SCIENCE, mainly BIOLOGY, mainly for work in the Day Technical School for Girls, of the Maidstone Technical Institute—The District Secretary of the Kent Education Committee, Mr. A. W. Peacock, 13 Tonbridge Road, Maidstone.

PSYCHIATRIC SOCIAL WORKER (full-time)—The School Medical Officer, Public Health Department, County Hall, Maidstone.

RESEARCH PROFESSORSHIP IN ANIMAL HEALTH—The Principal, University College of Wales, Aberystwyth.