

Mr. Byng not only traced the growth of the need for training in administration selected members of staffs and the encouragement given towards that end by professional institutions: he also pointed out quite clearly that in the staff college he visualized, the curriculum would be concerned with broad administrative problems, and would exclude subjects covered by ordinary training.

### A National Administrative Staff College

MR. BYNG made it clear, too, that the outstanding feature of the scheme of a national administrative staff college was that it would be highly selective. No matter in what department—accounting, commercial, engineering and the like—candidates for admission had served, only those who had shown themselves likely to qualify for higher grades of administrative responsibility would be considered. Moreover, while the course would extend over five months, not more than one quarter of the time would be devoted to formal instruction. The remainder would be occupied by discussions, practical exercises directed to testing powers of exposition, of investigating problems, drawing up reports and so on. Already, Mr. Byng told his audience, the group responsible for this proposal claim that among some two hundred and fifty people who have been consulted (and they include members of the Government, both Houses of Parliament, representatives of the Civil Service, local government, industry and the universities) all but a few have expressed their approval. We are glad to note these opinions from varied sides of our national life because they reinforce another of the points made by Mr. Byng. It is that industrialists and business men are ready, if not anxious, for an all-inclusive staff college. They would welcome the idea that picked men from the Civil Service should study together with picked men from their own ranks. We believe there is much to commend the idea. The growth of large-scale organizations, and of quasi-public corporations controlling services previously rendered by private enterprise, have made the differences between business and the public services much less definite than they used to be. Indeed, the relations between the business world and the Government departments become more and more intimate and complex. The War has added strength to that tendency and there would be obvious advantages in bringing together what Mr. Byng calls "the future administrators of both worlds" during a critical part of their training.

### Post-War Demobilization of Scientific and other Personnel

A DEFINITE step in preparation for the demobilization of scientific, technical and professional staff from the Services and from the war industries at the end of hostilities and for their redistribution in suitable occupations both at home and overseas has now been taken by the Minister of Labour and National Service in the appointment of a Committee of Inquiry, with Lord Hankey as chairman. The Committee includes Mr. J. S. Duncan, Deputy High Commissioner for Australia, and the Dominions of Canada, New Zealand and South Africa will be represented by observers. The terms of reference are: To consider and report upon the arrangements which should be made to facilitate the employment after the end of hostilities of men and women qualified

to undertake responsible work in the professions or elsewhere, with particular reference to (a) the organization, premises and staff of the Appointments Department of the Ministry of Labour and National Service; and (b) the arrangements which should be made for co-operation between the Appointments Department and other organizations and institutions (including professional, industrial and commercial organizations) and universities, at home and abroad. In addition to those named above, the Committee includes Mr. H. M. Barton, Sir Bernard Bowdillon, Mr. J. T. Davis, Mr. R. H. Dobson, Sir William Fyfe, Mrs. Mary Hamilton, Mr. Clement Jones, Dr. H. Lowery, Mr. John McLean, Mr. Godfrey Mitchell, the Hon. Eleanor Plumer, Prof. R. V. Southwell, Mr. H. V. Tewson, Mr. Henry Thirkill, and Mr. G. W. Thomson, with Mr. H. F. Rossetti and Mr. F. M. H. Markham, Ministry of Labour and National Service, as secretaries.

### Coal Carbonization and the Economy of Britain

THE Institute of Gas Engineers held its eightieth annual general meeting in London on June 9, and the president, Mr. E. V. Evans, surveyed the industry of coal carbonization and its place in the war and post-war economy of Great Britain. To the general public, coal is just something to burn, but in the last generation we have seen the oil industry convert a raw material into a great variety not only of fuels but also of chemical products. To-day it is generally agreed that the coal industry must do likewise. The gas industry, of all fuel industries, so far has developed the processing of coal to the greatest extent. Mr. Evans' address revealed the far-reaching ramifications of the industry in the national fuel economy. But the section which seems to merit most careful scrutiny is the discussion of what may be anticipated from a co-operative scheme in which the public utilities co-operate instead of competing in the supply of electricity and gas, each supplying the public with its product in directions for which it is most fitted. The argument assumes the existence of a town of 200,000 inhabitants with the services normally developed and with prices as at present. It assumes that in three stages conditions alter in a normal manner leading to a result which may be summarized as follows: Consumption of gas would increase fourfold, while average price per therm would fall from 10.4d. to 6.22d. Consumption of electricity would double and average price fall from 0.98d. to 0.7d. per unit. Fuel bill for the average domestic consumer would fall from £17.9 to £16. Transport of solid fuel and ash through streets would fall to less than one fifth. The total amount of coal consumed for fuel and power would be reduced from 580,000 tons to 517,000 tons. Atmospheric pollution would be practically abolished, and recovery of by-products—tar, benzole, sulphur and ammonia—increased about fourfold. These gains require only the application of existing and technical knowledge, directed according to a national plan for the efficient use of coal.

### Association of Special Libraries and Information Bureaux

THE report of the proceedings of the seventeenth conference of the Association of Special Libraries and Information Bureaux held in London during November 7–8, 1942, has now been issued. It con-

tains the papers presented at the meeting with a brief record of the discussions and in addition Mr. C. S. Orwin's paper "Agriculture and the War Stimulus", which owing to his absence was omitted from the programme. Mr. Headicar's paper "War-time Problems in Books and Binding" and Miss E. M. R. Ditmas' paper "The Special Library in Time of War", together with Sir Richard Gregory's opening address "International Systems and Standards", were not included in the reprints issued in pamphlet form for use at the Conference. In addition to the summarized discussions, the pamphlet includes reports submitted from the National Central Library and the Citizens' Advice Bureau. The eighteenth annual conference of the Association will be held in the rooms of the Royal Society, Burlington House, London, W.1, on September 18 and 19. Particulars of the programme will be available later.

### Public Health in Honduras

THE January issue of the *Boletín de la Oficina Sanitaria Panamericana* contains an article on this subject by the Director of Public Health, Dr. P. H. Ordóñez Díaz, who states that public health in Honduras is making notable progress since most of the people have become health conscious. Sanitary requirements, including health certificates for employees, have been enforced in public eating and drinking places and all others in which close contact with the public is required. A Biological Institute has recently been created for the preparation of serums and vaccines. The anti-venereal campaign has been intensified by the use of arsenical preparations. In spite of free distribution of anthelmintics, infestation by intestinal parasites is still prevalent. Only sporadic cases of malaria were observed. The milk station deals with a hundred children daily and distributes 163,332 bottles and 15,394 quarts of milk during the year, with the result that the child mortality in those attending the milk station was 68.2 as compared with 105.6 for the whole republic.

### Earthquakes in the Pacific

THE United States Coast and Geodetic Survey, in co-operation with Science Service and the Jesuit Seismological Association, has made a preliminary determination of the epicentres of three recent earthquakes in the Pacific Ocean. The first of these, on March 15, 1943, occurred at 4h. 47.9m. U.T. at an epicentre near latitude 10° N., longitude 142° E., which is in the bed of the ocean to the north-east of Fuhaesu in the Caroline Islands. The second earthquake, also on March 15, occurred at 22h. 59.2m. U.T. at an epicentre near latitude 14° S., longitude 174° W., which is in the bed of the ocean to the south-west of Savaii, Samoa, and north-east of Fiji. This earthquake had a depth of focus in the neighbourhood of 300 km. The third earthquake occurred on March 21 at approximately 20h. 35.4m. U.T. from an epicentre near latitude 6° S., longitude 146° E., which is on land in the north-east of the island of New Guinea. The exact location is just south of Astrolabe Bay and the coast town of Dein. All these earthquakes occurred in well-known seismic regions, and all interpretations and calculations are tentative, the data being received from seismological observatories to Tucson, Sitka, Honolulu, Wellington, Pasadena, Fardham, Sydney, Buffalo, Brisbane and Apia.

### Announcements

THE Zoological Society of London has arranged a course of popular lectures on natural history to be given at the Society's offices in Regent's Park, London. Admission is by ticket obtainable by post or at the Zoological Gardens on the day of the lecture. The first lecture will be given by Sir John Graham Kerr, who will speak on "A Naturalist in the Gran Chaco, South America", on July 28 at 3 p.m.

THE following appointments, promotions and transfers in the Colonial Service have recently been made: H. S. Darling, plant protection officer, Palestine; M. Landau, assistant veterinary officer, Palestine; A. J. Kerr (agricultural officer, Uganda), senior agricultural officer, Uganda; E. T. Fern (veterinary officer, Northern Rhodesia), deputy director of veterinary services, Northern Rhodesia; J. A. N. Hobday (chief veterinary officer, Bechuanaland), director of veterinary services, Northern Rhodesia.

THE Royal Society of Arts offers a prize under the Thomas Gray Memorial Trust, the objects of which are "The Advancement of the Science of Navigation and the Scientific and Educational interests of the British Mercantile Marine". The prize is of £50 and is open to any person of British or Allied nationality who may bring to the notice of the Society an invention, publication, diagram, etc., which in the opinion of the judges is considered to be an advancement in the science or practice of navigation, proposed or invented by himself during the period January 1, 1938–December 31, 1943. Entries which have already been considered by the judges in the years 1938–42 are not eligible for further consideration unless they have since been materially modified. Competitors must forward their proofs of claim between October 1 and December 31, 1943, to the Acting Secretary, Royal Society of Arts, at the above address.

ACCORDING to the *Journal of the American Medical Association* of March 6, the Foundation for the Study of Cycles, New York, a non-profit organization created to foster, promote and conduct scientific research on rhythmic and periodic fluctuations in any branch of science, announces the offer of a medal to the person who, during 1943, publishes the most outstanding book or paper on the subject. The Foundation is an outgrowth of the permanent committee set up in Matamek in Canada after the first International Conference of Biological Cycles. Besides the award of a medal, the Foundation makes awards for outstanding work in each branch of science. Further information can be obtained from Dr. Ellsworth Huntington, chairman of the Committee on Awards, Hendrie Hall, York University, New Haven, Conn.

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