

4. detailed recording of labour, production, income, consumption, and expenditure of about 300 of the families for a year;
5. quarterly records of the stocks, livestock, cash and semi-liquid assets, and indebtedness of the selected families, and
6. quarterly studies for two weeks at a time of food consumption in a smaller sample of families.

From the material gathered a report will be drafted during 1953 showing in detail how the cocoa-farmers and their families live, work, and earn their living, and examining the labour supply, the sources of credit, the effect of co-operation, the environmental conditions, the effects of land tenure and marketing systems and other matters raised by the Cocoa Marketing Board in the terms of reference.

Dr. K. A. H. Murray succeeded Professor A. W. Ashby as Chairman in 1952. The other members of the Committee are Sir Sydney Phillipson (Chairman of the Cocoa Marketing Board), Sir Gerald Whiteley (a former Chief Commissioner of the Western Provinces of Nigeria), Professor Frankel (Professor of Colonial Economic Affairs, Oxford), Dr. J. R. Raeburn (London School of Economics) and Mr. G. P. Hirsch (Oxford Institute for Agricultural Economic Research). The Chief Research Officer and two Senior Research Officers appointed by the Committee (Mr. R. Galletti, Mr. K. D. S. Baldwin, and Mr. I. O. Dina) have been responsible for the conduct of operations in the field and will prepare the report under the direction of the Committee.

The survey was conducted at every stage in close association and liaison with the Nigerian Administration, the Department of Agriculture, the Department of Co-operation and other authorities concerned. Records and statistics were furnished by many departments, and in particular by the Cocoa Survey. The major exporting and importing firms also co-operated in the field of their own activities. (Communicated by Mr. R. Galletti.)

Co-ordination of Research in Africa

THE Commission for Technical Co-operation in Africa South of the Sahara (C.C.T.A.), which has now established its headquarters in London, is a six-member international body comprising representatives of the metropolitan powers responsible for non-self-governing African territories—the United Kingdom, France, Belgium, Portugal, Southern Rhodesia, and the Union of South Africa. The Commission will maintain a periodical review of technical subjects of African interest in which action could usefully be taken by member governments; it will be responsible for holding technical conferences,¹ for making recommendations for the preparation of agreed measures of co-operation, and for furthering joint requests for technical assistance to the specialized agencies of the United Nations. It will also co-ordinate the work of the various Bureaux (such as the Soils Bureau, the Inter-African Labour Institute, the Tsetse and Trypanosomiasis Bureau) which have been established to deal with specific problems.

The Scientific Council for Africa South of the Sahara (C.S.A.), which consists of thirteen eminent scientists, each concerned with one special discipline, was originally set up as an independent body by the same six governments;² it has now been attached to C.C.T.A. as its scientific adviser; recommendations of C.S.A. will be passed to C.C.T.A., as the authority for approving budgets on behalf of the participating governments, and the two secretariats dealing with inter-African scientific and technical co-operation—C.S.A.'s on the scientific and C.C.T.A.'s on the executive side—will work in close co-operation.

At its second meeting at Dakar in 1951 C.S.A reviewed the whole field of scientific study

¹ The first statistical conference was held in July 1951 at Salisbury, Southern Rhodesia (see *Africa*,

xxii. 2, 1952, p. 174).

² See *Africa*, xxi. 2, 1951, p. 151.

under 18 heads; upon a number of these subjects organizations are already working, so that C.S.A. agreed to concentrate on six main topics: surveys and maps; geology; zoology; hydrobiology; social studies; technology.

The report of C.S.A. published in August 1952 includes an account of its foundation and constitution; accounts of conferences and meetings held and of co-operation with other bodies concerned with research in Africa; and details of work effected or proposed. The building up of a reference library is one of the projects to which high priority is given, and the first stage of this task—the compilation of a directory of scientific libraries in Africa south of the Sahara—is nearing completion.

Maternal and Child Welfare in Africa

A CONFERENCE organized by the Commission on Technical Co-operation in Africa (C.C.T.A.) in November 1952, concerned with malnutrition in African mothers, infants and children, and a joint meeting of nutrition experts of the Food and Agriculture organization and the World Health organization of U.N.O. took place in the Gambia in November–December 1952. Both meetings discussed kwashiorkor, a serious disease of children due to protein deficiency. At the request of the W.H.O., a survey of the incidence of the disease had been carried out by Dr. Brock of Capetown University and Dr. M. Autrel of F.A.O., and this formed the basis of the discussions, which were attended by doctors from all over the world, as well as delegates from all parts of West Africa. Professor Platt, Director of the Medical Research Council, Fajara, was president of the conference. The Governor of the Gambia, who opened the conference, welcomed ‘this evidence of real international co-operation in a field which is important not only to the people of Africa, but to human welfare generally’.

An international mission of the W.H.O. also visited Oubangui-Chari (A.E.F.) in October 1952 to study the working of a plan for providing extra milk for pregnant women and infants (‘Campagne du lait’). ‘Cette alimentation complémentaire est destinée à apporter aux populations locales, sous forme de lait . . . les éléments indispensables à la prévention dans la jeune enfance des carences de tous ordres qui sont responsables . . . de la mortalité infantile. Un centre-pilote a été ouvert à Bambari le 1er octobre afin de déterminer les moyens de mise en place d’un vaste programme d’alimentation complémentaire.’

From 8 to 14 December 1952 an international conference, organized by the Centre International de l’Enfance, was held at Brazzaville (A.E.F.) to consider specific medical problems of childhood, problems of nutrition and the psychological and sociological problems arising from the great changes which have taken place in Africa during the last 20 years.

The conference worked in three sections concerned respectively with medical, nutritional, and social problems; the second section discussed the important results of the conference held at Fajara (see above) and recommended an intensive physiological study of African children with a view to establishing norms of development as a basis for studies of pathological conditions among children and their relation to nutrition. It is hoped to hold a similar conference in 1953.

Organisation Mondiale de la Santé (World Health Organization)

LE Bureau régional d’Afrique de l’Organisation Mondiale de la Santé, dirigé par le Lieutenant-Général Daubenton, et dont le siège se trouve à Brazzaville, comprend désormais une Section Ethnologique, dont la direction a été confiée à M. Jean-Paul Lebeuf, Chargé de Recherches au Centre National de la Recherche Scientifique, Délégué permanent de l’Afrique Equatoriale Française au Congrès International des Sciences Anthropologiques et Ethnologiques, Attaché au Musée de l’Homme.