

required by the Pharmacopœia, a liquid extract of the official strength was prepared from it for trials which were kindly undertaken by the Medical Unit of St. Thomas's Hospital. The report was entirely favourable, the action of the extract being indistinguishable from that of extract from American bark. The bark from Kenya should therefore be readily saleable when available in commercial quantities, and it would appear that the cultivation of the tree might well be encouraged in the Colony.

The many other materials reported on during the year included a number of forest products (benzoin, lac and dammars) from the Federated Malay States; a new kino from Tanganyika; seal oil from the Falkland Islands; sardine oil from India; "mutton bird" oil from Tasmania; oil-seeds from Gambia, Sierra Leone, Gold Coast, Tanganyika, India and North Borneo; essential oils from South Africa, Seychelles and Cyprus; fibres from India, Ceylon, Federated Malay States, Samoa, Tanganyika, Cyprus and Egypt; Sisal waste from East Africa for paper-making; rubber from Jamaica, Papua and India; wheat from Iraq; cocoas from Sierra Leone and New Guinea; and coffees from Tanganyika.

A large number of investigations were in progress at the close of the year. The principal work in hand included the continued investigation of Gold Coast timbers; the suitability of British Guiana timbers for paper-making; the effect of sea-water on Sisal ropes in comparison with Manila ropes; the effect of fresh water and sea-water on the strength of Sunn hems from India; a further series of wheats from Iraq; wool from Iraq and Palestine; tobaccos from Nyasaland, Ceylon, Cyprus and Virgin Islands; and essential oils from Rhodesia, Seychelles and Cyprus.

Co-operation.

Close touch is being maintained with Government Departments and other institutions engaged in research, and materials requiring scientific investigation, or enquiries of specialised character, are passed for action to the appropriate body.

During the year several problems have been referred to the Department of Scientific and Industrial Research as falling within the scope of that Department, whilst on the other hand the Department has passed certain enquiries to the Institute. In particular, co-operation has been established with the Forest Products Research Laboratory in all