

Timbers is then obtained as to the purposes for which they could be utilised and their commercial possibilities in this country. Reports have been furnished during the year on Baku; Kaku or Ironwood; Odum; Penkwa or African cedar and Konkruma. All these timbers would be of value in the Colony for a variety of purposes and, with the exception of Kaku, would probably find a market in this country as furniture woods if they can be offered at prices to compete with the medium grades of West African mahogany.

A report was also furnished on Billy Webb timber from British Honduras. This wood should be serviceable for many purposes locally, but at present cannot be recommended for export to this country.

**Waste Kauri Wood from New Zealand.** In the Kauri timber industry of New Zealand a large amount of waste wood is obtained and the possibility of utilising it for paper-making is under consideration. At the request of the Forestry Department in New Zealand, the Imperial Institute has examined samples of the waste wood in order to determine the yield and quality of the pulp which it will furnish. The wood contains varying amounts of resin and a further investigation has been carried out to ascertain the nature and value of this resin and whether it would be profitable to remove it from the wood before pulping.

The results of the paper-making trials showed that the kauri wood, either in its original condition or after the removal of the resin, could be converted into paper-pulp of satisfactory quality. If the wood contains over 10 per cent. of resin it might be advantageous to remove the latter before pulping, but when less than this quantity is present the wood might be converted into pulp without previous deresination.

A quantity of the resin was extracted from the wood and, after examination in order to determine its nature and properties, samples were submitted to likely users. It seems probable that the resin would be marketable in this country, but technical trials on a larger scale would have to be made by manufacturers in order to determine definitely its commercial value and possibilities.

Full reports on the entire investigation, together with specimens of paper prepared in the laboratories from each of the samples of wood, have been forwarded to New Zealand in order that the question may be further considered by the Forestry Department.