

*Beryl*.—This mineral has been noticed at a few places in Canada, more particularly in the County of Berthier, where crystals several inches in length occur in a granite vein, and although these are often of a good colour (various shades of green), they are not transparent enough for cutting, except, perhaps, in small portions of a crystal which will sometimes cut into small gems. The pale bluish-green transparent varieties of this mineral are called Aqua-Marine; the emerald-green, Emerald. Sometimes the name Aqua-Marine Chrysolite is applied to the yellowish-green varieties. The Emerald and the Aquamarine are sometimes introduced as oriental, which, of course, enhances their value considerably, and, if genuine, are really the green and the light bluish-green Sapphire.

*Tourmaline* is another gem of some importance, and although its name is seldom heard from the jewellers, it is nevertheless often sold under various names. The yellow transparent variety is often sold in Ceylon for the Topaz. The blue variety is sometimes sold for the Brazilian Sapphire, the green variety as the Brazilian Emerald, and the greenish-yellow as the Ceylon Chrysolite. The carmine or hyacinth-red variety (Rubellite), which is, perhaps, the most valuable, retains the name of Tourmaline.

This mineral is widely distributed in the Laurentian rocks either in crystals or crystalline masses; its predominating colour is black, although such colours as hair-brown, various shades of green, light rose-red and yellow also occur. The black crystals from the Township of Bathurst will cut into fine mourning gems. Small stones of one to two carats, of transparent green of various shades, sometimes a bright emerald, also a yellow and a yellowish-green variety, have been cut from the Tourmaline of Wakefield. The crystals at this locality are seldom more than a quarter of an inch across, but often many inches in length, aggregating together in large masses. I have seen bunches of these slender crystals that would measure eighteen inches in length, exhibiting such colours as black, red, green, yellow and colourless in the same crystal, and graduating from opaque to transparent. Light yellowish-green crystals of Tourmaline are met with in the Township of Chatham in a vein of quartz, but these are opaque and too small for cutting.