

more compact fibrous variety, often zoned with pink, found at Cape Split and elsewhere on the Bay, will sometimes cut into neat and pretty gems.

*Thomsonite* is reported to have been found on the Bay of Fundy, in N.S., but these specimens are considered by some authors to be a variety of Mesotype. The pretty little pebbles of Thomsonite that are brought from Lake Superior, are really from the State of Minnesota, at a place called Grand Marais. They occur as pebbles in the Amygdaloid, and are often beautifully variegated with such colours as flesh red, zoned and mottled with green, red, brown and white, and when perfectly free from holes, make very handsome gems.

*Apatite*, which is destined to become the backbone of the Ottawa Valley, cannot be left altogether out of this category. If we have not yet found any material from which gems or ornaments may be cut; and though we have seen during the past few years so many different varieties developed, we may still look forward to better results in the future, and possibly some of them may yet yield a more compact variety suitable for this purpose. I have seen both yellow and blue transparent crystals, but too small for cutting, from the Township of Wakefield.

Since writing the above, some fine olive green transparent gems have been cut from this mineral from Portland.

*Apophyllite*, sometimes called Fish-eye Stone, (this name is also applied occasionally to Adularia,) is met with at several places on the Bay of Fundy, the more noticeable of which, for gem purposes, is on the Blomidon shore, where it occurs in greenish-white, semi-transparent to translucent crystals often an inch across. On the other side of the Bay, at Cape D'Or, large modified white crystals, two inches in diameter are found. These are however, perfectly opaque and unfit for cutting. This mineral also occurs at Lake Superior, of a reddish colour, but of no value as a gem.

*Fluor.*—Derbyshire Spar, or Blue John, as it is sometimes called, has been employed extensively in England for the last century, and even to-day there are more manufactories of this material in Derby than anywhere else, engaged in making such ornaments as vases, cups, plates, candlesticks, etc. The variety from which the above articles are made occurs in compact and granular masses of some shades of blue,