

class, and the similar Canadian variety is Albite, although some of our Orthoclase is quite luminous when cut.

*Orthoclase* occurs in Canada of different colours the more conspicuous of which are pinkish, white and brown, the latter variety often beautifully crystallized in the Townships of Sebastopol and Ross, and sometimes the crystals when cut parallel with certain planes are quite luminous. They at the same time, reveal minute spangles of a glistening yellow colour, thus combining the properties of the Moonstone and Aventurine. This constitutes a neat and pretty gem, and it is a pity that prejudice should prevent these stones from taking the place of the gaudy imitation trash that is at present glutting our market.

It is stated in the Geology of Canada that a reddish-brown Orthoclase with cleavages of half an inch across, which exhibits golden-bronze reflections of great beauty, was brought from the coast of Labrador. Another Aventurine variety was noticed by Dr. Bigsby on the north east shore of Lake Huron, twenty miles east of the French River.

*Porphyry*, more properly is a rock mass, composed of two or more minerals. This material of various colored bases, interspersed with white, rose red, and greenish spots is found at many places in Canada. A rock of this description covers a number of acres in Grenville and Chatham, and could be utilized for ornamental purposes, and also, as a gem stone, portions of it being as pretty as a Bloodstone.

*Felsite*. I should here mention another rock that occurs at Chamcook, N.B., under the name of Felsite. It is thoroughly homogenous and takes a high polish. Its colour is of various shades of brown, sometimes veined with lighter or darker shades, giving to the mass the aspect of rosewood.

*Microcline* or "Amazon Stone," is found in the Townships of Hull, Wakefield, Sebastopol and in the neighbourhood of Paul's Island, Labrador, of various shades of green, often verging on blue. This stone from the neighbourhood of Wakefield when cut convexly often reveals a bright, silvery lustre and in artificial light has a pretty effect.

*Pertlite*, is the name given by Dr. Thompson to a variety of Feldspar from the Township of Burgess, and according to Bauerman, is made up of different laminæ of Albite, Orthoclase and Microcline, the latter being rendered iridescent by inclusions of Specular Iron. This