HOFFMANN'S LIST OF

the vicinity of Gillies Bay, south side of Texada Island, province of British Columbia. Crystals pseudomorph after pyrite, E. B. Kenrick, Ann. Rep. Geol. Can., vol. iii, p. 58 T, 1887. Mineral associations of magnetite, B. J. Harrington, Rep. Geol. Can., 1873-74, p. 194. Analyses, by various analysts, ib., pp. 208-211.

- 153. MALACHITE Has, so far, not been met with in characteristic specimens, but merely as an incrustation on copper ores or in the form of stains and small earthy masses in copper-holding rocks. Of the numerons localities where it has been observed may be mentioned—Spanish River, where some of the quartz veins carrying chalcocite are stained throughout with green carbonate of copper; with galenite in a lode which crosses a long narrow island near the shore at Thunder Cape, Lake Superior, province of Ontario. In the form of little fibrous masses, with sulphurets of copper, in a drusy calcite at the Black River mine, St. Flavien, Lotbinière county, province of Quebec.
- 154. MALACOLITE (DIOPSIDE)—Large twin-crystals of white pyroxene, associated with cinnamon-colored garnets, are found in druses in a pale greenish pyroxene rock in the township of Orford (Sherbrooke Co.), and slender, pale greyish-green colored crystals, sometimes six inches in length, occur imbedded in limestone at the Calumet Falls (Pontiae Co.), province of Quebec. Crystals of pale greyish-green pyroxene often replaced on their acute lateral edges, and occasionally several inches in diameter —associated with crystals of dark green pargasite, and black tourmaline, are found at the High Falls and at the Ragged Chute in the township of Blythfield, Renfrew county, province of Ontario. Analyses, T. S. Hunt, Geol. Can., 1863, pp. 467, 468.
- 155. MANGANITE freq ently found associated with pyrolusite at Teny Cape (Hants Co.) and elsewhere—: "ten crystallized on that ore. It is abundant at Walton and Cheverie, and is met with at Douglas and Rawdon, in Hants county, province of Nova Scotia. Also occurs on Amherst Island, Magdalen Islands, province of Quebec.
- 156. MARCASITE—Has been obtained, by Prof. Chapman, from the walls of a vein holding galenite and chalcopyrite, in the township of Neebing, a few miles east of the Kaministiquia River, north-west shore of Lake Superior, province of Ontario.
- 157. MARTITE—Has been met with in the Triassic trap of North Mountain, Digby county, province of Nova Scotia, and was also observed by Prof. Chapman in a gneissoid boulder from Bass Lake, a few miles north of Orillia, Simcoe county, province of Ontario.
- 158. MELACONITE—Is recorded by Prof. Chapman as occurring, but in traces only, in some of the copper deposits of the Eastern Townships of the province of Quebec.
- 159. MELANTERITE—Has been found in some heaps of shale and slack coal at the Glace Bay coal mines, in Cape Breton county, province of Nova Scotia. Also occurs, in small quantities, in many of the ores from the mineral veins of Lake Superior, Lake Huron, and the Hastings region, province of Ontario.
- 160. MENEGHINITE—Is found, apparently in a veinstone of quartz and dolomite, in the vicinity of Marble Lake, in the township of Barrie, Frontenac county, province of Ontario. Anal., B. J. Harrington, Trans. Roy. Soc. Can., vol. i, sec. iii, p. 79, 1882 and 1883.
- 161. MESOLE—Occurs, in association with mesolite, in trap rock in the neighborhood of Port George, Annapolis county, province of Nova Scotia. Anal., H. How, Ed. N. Phil. Journ., new series, vol. viii, p. 207, 1858.

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