

- cleavable masses, in pegmatite veins cutting Laurentian strata, in the township of North Burgess, Lanark county, province of Ontario.
195. **PETALITE**—Is here mentioned among the minerals of Canada, upon the authority of Dr. Bigsby, according to whom this mineral was found, with tremolite, in a large boulder on the lake shore, at Toronto, York county, province of Ontario.
196. **PETROLEUM**—The most important oil springs are in the township of Enniskillen, in the western peninsula of Ontario, but it also occurs in other townships of this section of the country, as for instance those of Mosa, Oxford and Dereham. It is found, in small quantity, on Great Manitoulin Island in Lake Huron, province of Ontario—also on the St. John River, and on a branch of Silver Brook, and other localities in the county of Gaspé, province of Quebec.
197. **PHLOGOPITE**—This mineral is of very common occurrence among the crystalline limestones of the Laurentian system, through which it is sometimes more or less abundantly disseminated in the form of small scales or crystals. The largest specimens are generally found in beds near to bands of quartzite or pyroxenic gneiss, which often limit the crystalline limestones, or are interstratified with them. It is also met with imbedded in massive pyroxene rock. Large plates are obtainable in the townships of Grenville (Argenteuil Co.), Buckingham, Templeton, etc. (Ottawa Co.), in the province of Quebec—and in the townships of North and South Burgess, in the province of Ontario. Anal., T. S. Hunt, Geol. Can., 1863, p. 495.
198. **PICKERINGITE**—Occurs as an efflorescence on the shale of a sheltered cliff on the banks of the Meander, Newport, Hants county, province of Nova Scotia. Anal., H. How, Journ. Chem. Soc., new series, vol. i, p. 200, 1863.
199. **PICROLITE**—This variety of serpentine is met with in the townships of Bolton (Brome Co.), Shipton (Richmond Co.), etc., in the province of Quebec. Anal., T. S. Hunt, Geol. Can., 1863, p. 472.
200. **PITCHSTONE**—A pitchstone-porphry, and pitchstone with veins of agate, occurs on the eastern extremity of Michipicoten Island, Lake Superior, province of Ontario.
201. **PLATINUM. NATIVE**,—The earliest reference to the finding of native platinum in Canada, is that by Dr. T. Sterry Hunt (Rep. Geol. Can., 1851-52, p. 120), who mentions having observed it, in association with iridosmine, in the gold washings of the Rivière du Loup and Rivière des Plantes, Beauce county, in the province of Quebec. It has since been met with, according to Dr. G. M. Dawson (Ann. Rep. Geol. Can., vol. iii, 1887, Part R), in association with placer gold in several localities in the province of British Columbia—occurring in notable quantity in the region of the Upper Similkameen and Tulameen Rivers, in minute scales where the gold is "fine" but increasing in coarseness to small pellets and raggets in places where "coarse" gold is found. Coarse grains and pellets have, so far, been found only on Granite, Cedar and Slate Creeks, all entering the Tulameen on the south side. He also mentions its occurrence, in fine scales with gold, on Tranquille River, Kamloops Lake; at a place ten miles below Lillooet on the Fraser River, and in nearly all the tributaries of the Yukon River which have been worked. Analyses, G. C. Hoffmann, Trans. Roy. Soc. Can., vol. v, sec. iii, p. 17, 1887—and an abridged statement of results, Ann. Rep. Geol. Can., vol. ii, p. 5 T, 1886.
202. **POLYDYMITE**—What is regarded as evidently a ferriferous variety of this mineral is