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X.—*Annotated List of the Minerals occurring in Canada.*

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The following alphabetically arranged list of minerals embraces all such as have, up to date (See Addenda), been identified, with any degree of certainty, as occurring in Canada. It includes species, varieties and synonyms—the names of species being printed in black-faced type. Doubtful species; such as have been shown on re-examination not to be good species; those requiring further investigation; and one or two, the occurrence of which in Canada has not been placed beyond all doubt, are enclosed in brackets—the note to each of these particular minerals explaining for which of the foregoing reasons it has been thus distinguished. It would have been foreign to the present intention to have enumerated all the localities of occurrence of each particular mineral. Hence it is only in some few instances—those of the more rarely occurring,—that this has been done. In the case of those of more frequent occurrence, the principal localities where they are found are, not infrequently, for the most part given; whilst in instances of very general occurrence, mention is sometimes merely made of those places where the mineral has been met with in its most interesting form. In the preparation of this list the writer has freely availed himself of the writings of Dr. T. Sterry Hunt, Prof. E. J. Chapman and the late Prof. H. How; but more especially of those of Dr. Hunt, whose extended and important contributions to the mineralogy of Canada may indeed be said to form the basis upon which the present work has been constructed.

ABBREVIATIONS.

- AM. JOURN. SCI.—American Journal of Science and Arts.  
ANN. REP. GEOL. CAN.—Annual Reports of the Geological and Natural History Survey of Canada (commencing 1885). Montreal.  
CAN. JOURN.—Canadian Journal of Industry, Science and Art. Toronto.  
CAN. NAT.—Canadian Naturalist and Quarterly Journal of Science. Montreal.  
CAN. REC. SCI.—Canadian Record of Science. Montreal.  
DANA, MIN.—A System of Mineralogy; by J. D. Dana, aided by G. J. Brush. 5th ed. New York, 1871—with three appendices, bringing the work up to 1882.  
ED. N. PHIL. JOURN.—Edinburgh New Philosophical Journal. Edinburgh.  
GEOL. CAN.—Geology of Canada (Report of progress from its commencement to 1863). Montreal, 1863.  
JOURN. CHEM. SOC.—Journal of the Chemical Society, London.  
MIN. N. S.—Mineralogy of Nova Scotia; by H. How. Halifax, 1869.  
PHIL. MAG.—The London, Edinburgh and Dublin Philosophical Magazine and Journal of Science. London.

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