The synthesis of the mineral herbertsmithite has led to a revolution of sorts in the field of quantum magnetism due to the fact that this mineral has spin \( \frac{1}{2} \) ions sitting on a frustrated kagome lattice. Novel spin liquid behavior has been suggested for this mineral, as well as a number of its close relatives. But, there are many other interesting minerals out there yet to be synthesized and studied. In this talk, after reviewing the current state of affairs, I will present some interesting candidates that we have found from searching mineralogical databases, and discuss what implications they might have for the field of quantum magnetism.