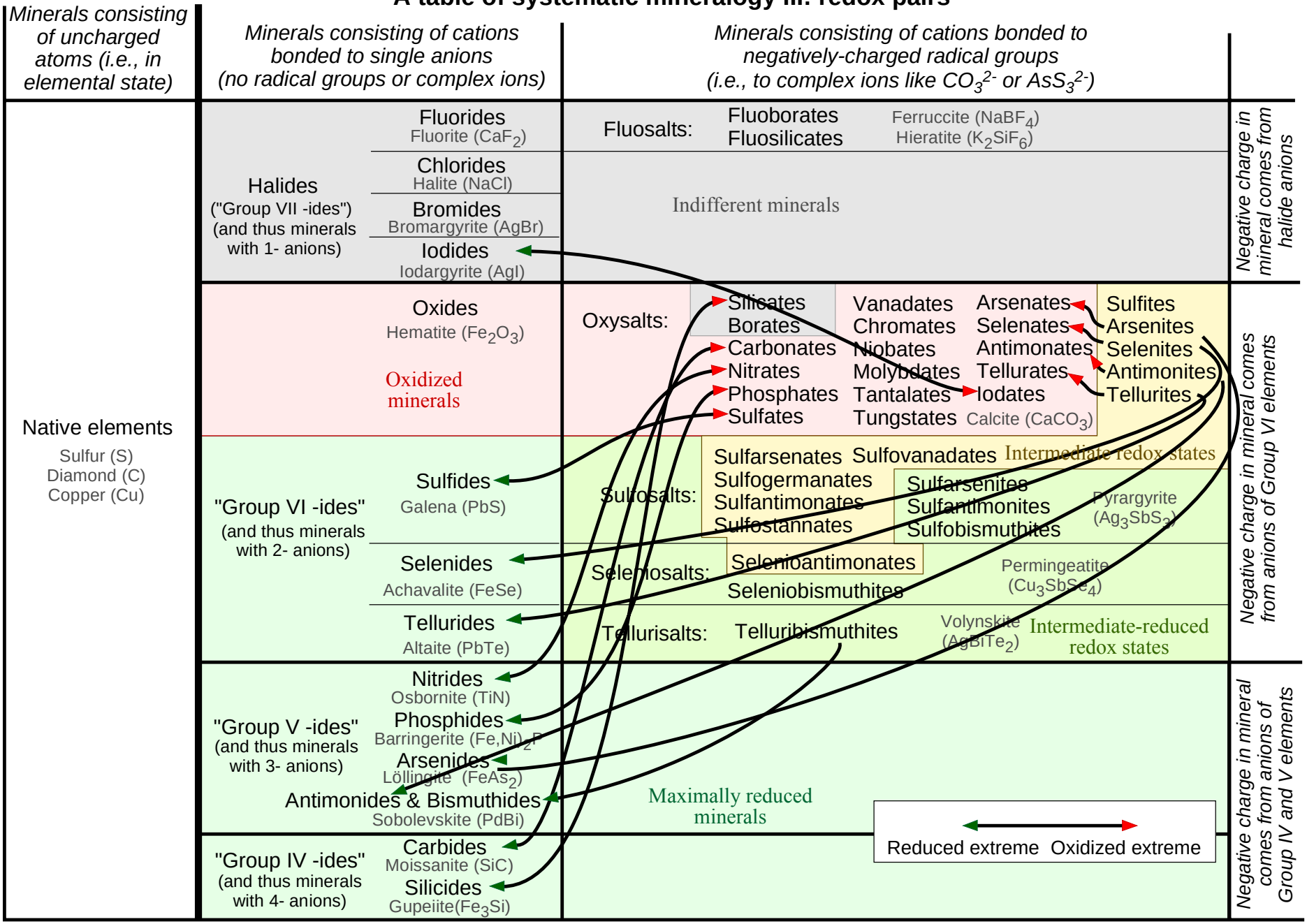
A table of systematic mineralogy III: redox pairs



This table focuses only on the redox state of the anions in minerals. Some minerals have cations whose redox state is the opposite that of the anion (e.g., ferrohexahydrite $Fe^{2+}S^{6+}O_4 6H_2O$, grieigite $Fe^{2+}Fe^{3+}_2S^{2-}_4$ and gwihabaite $(N^{3-}H_4.K)N^{5+}O_3$).