Additions and Corrections

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M.-L. Hung, M. L. McKee, and D. M. Stanbury*: Large Reorganizational Energies in Electron Transfer: Oxidation of Hydroxylamine by Hexachloroiridate(IV).

Pages 5108−5112: In calculating $E°$ for the NH_2OH^+/NH_2OH redox couple (page 5111) an incorrect value for $\Delta_fG°$ for NH_2OH(aq) was used because of a sign error in the reference for that quantity (ref 39, *Standard Potentials*). The correct value for $\Delta_fG°$ should be -23.4 kJ mol^{-1}, as is evident from the original source (Latimer's *Oxidation Potentials*) and from the corresponding values for $\Delta_fH°$ and $S°$. Correcting for this sign error leads to $E° = 0.91$ V for the NH_2OH^+/NH_2OH redox couple (a 0.5 V change). The corresponding value for K_1 is corrected to 0.6. This 10^8-fold reduction in K_1 leads to an equivalent increase in the derived value for k_{11}, the self-exchange rate constant for the NH_2OH^+/NH_2OH redox couple. The derived value for λ_{11} should be reduced correspondingly. Full discussion of the significance of these corrections is reserved for a future paper. We thank Sergei Lymar (Brookhaven National Labs) for pointing out this error.

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