

Addition/Correction

**Proton-Coupled Electron Transfer in a Model  
for Tyrosine Oxidation in Photosystem II**

Claudio Carra, Nedialka Iordanova, and Sharon Hammes-Schiffer

*J. Am. Chem. Soc.*, **2008**, 130 (25), 8108-8108 • DOI: 10.1021/ja803574n • Publication Date (Web): 03 June 2008

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**Proton-Coupled Electron Transfer in a Model for Tyrosine Oxidation in Photosystem II** [*J. Am. Chem. Soc.* **2003**, *125*, 10429–10436]. Claudio Carra, Nedialka Iordanova, and Sharon Hammes-Schiffer\*

Page 10431. One of the parameters in the gas phase empirical valence bond (EVB) potential for the proton-coupled electron transfer reaction was inadvertently given incorrectly. In the gas phase EVB potential, the  $O_A-O_D$  distance was 2.364 Å rather than the previously reported value of 2.63 Å, which was the distance used in the calculations of the solvation and reorganization energies. Since the coupling  $V^{PT}$  in the gas phase EVB potential was fit to the experimental rate at pH = 7, the  $O_A-O_D$  distance can be viewed as a parameter in the empirical potential. If a longer  $O_A-O_D$  distance were used in the gas phase EVB potential, typically a larger value of  $V^{PT}$  would be required to reproduce the same experimental rate, but the qualitative analysis would not be altered. This reporting error for a single parameter does not impact the results and conclusions.

JA803574N

10.1021/ja803574n

Published on Web 06/03/2008