

In seeking precedents for the Ag to Pt metal-metal bonding in this molecule, we have found only two very recently reported possibilities. B. L. Shaw et al.<sup>5,6</sup> have reported the preparation and structure of  $(\text{PhCC})_2\text{Pt}(\mu\text{-dppm})_2\text{AgI}$ , with a Pt-Ag distance of 3.146 (3) Å, which the authors felt<sup>5</sup> did "not exclude significant bonding interaction". In the case of a trinuclear Pt-Ag-Pt compound the Pt-Ag distances of 2.849 (1) and 2.884 (1) Å were considered by Lippert and Neugebauer<sup>7</sup> to be "too long to implicate any strong metal-metal bonding...However, some weak metal-metal interaction appears feasible on the basis of Pt and Ag radii". Short, and hence potentially bonding, Ag-Ag distances have often been observed, and the range is from 2.740 (2) Å for a compound in which the silver atoms are bridged by a carbon atom of a ferrocene group<sup>8</sup> to distances as high as 2.957 (2)-3.085 (2) Å where an "attractive interaction between the Ag atoms" of an  $\text{Ag}_8$  cube was proposed<sup>9</sup> and 3.074 (2) Å in a case where the authors neither proposed nor discounted Ag-Ag bonding.<sup>10</sup>

(5) McDonald, W. S.; Pringle, P. G.; Shaw, B. L. *J. Chem. Soc., Chem. Commun.* **1982**, 861.

(6) McEwan, D. M.; Pringle, P. G.; Shaw, B. L. *J. Chem. Soc., Chem. Commun.* **1982**, 1240.

(7) Lippert, B.; Neugebauer, D. *Inorg. Chim. Acta* **1980**, *46*, 171.

(8) Nesmeyanov, A. N.; Sedova, N. N.; Struchkov, Y. T.; Andrianov, V. G.; Stakheeva, E. N.; Sazonova, V. A. *J. Organomet. Chem.* **1978**, *153*, 115.

(9) Birker, P. J. M. W. L.; Vershoor, G. C. *J. Chem., Soc., Chem. Commun.* **1981**, 322.

(10) Alcock, N. W.; Moore, P.; Lampe, P. A.; Mok, K. F. *J. Chem. Soc. Dalton Trans.* **1982**, 207.

(11) Hunt, G. W.; Lee, T. C.; Amma, E. L. *Inorg. Nucl. Chem. Lett.* **1974**, *10*, 909.

(12) Baenziger, N. C.; Struss, A. W. *Inorg. Chem.* **1976**, *15*, 1807.

(13) Beesk, W.; Jones, P. G.; Rumpel, H.; Schwarzmann, E.; Sheldrick, G. M. *J. Chem. Soc., Chem. Commun.* **1981**, 664.

(14) Eastland, G. W.; Mazid, M. A.; Russell, D. R.; Symons, M. C. R. *J. Chem. Soc., Dalton Trans.* **1980**, 1682.

The other reported Ag-Ag distances where bonding is considered to occur range from 2.757 to ca. 3.05 Å.<sup>11-19</sup> As further points of comparison, the Ag-Ag distance in metallic silver<sup>20</sup> is 2.889 (6) Å and pertinent sums of Pauling  $R_1$  radii<sup>4</sup> are Ag-Ag = 2.68, Pt-Pt = 2.60, and Ag-Pt = 2.64. It may also be noted that the Ag-Rh bonds found in  $\{[(\eta\text{-C}_5\text{H}_5)(\text{CO})(\text{PPh}_3)\text{Rh}]_2\text{Ag}\}^+$  are 2.651 (1) and 2.630 (1) Å in length.<sup>21</sup>

Studies of the chemical reactivity of this unusual cluster anion are in progress and have revealed, inter alia, that with  $\text{PPh}_3$  a scission occurs to give a  $[\text{PtAgCl}_2(\text{C}_6\text{F}_5)_2\text{PPh}_3]^-$  ion in which, according to an as yet incomplete X-ray study, an Ag-Pt bond of length 2.80 Å is retained.

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**Supplementary Material Available:** A table of atomic positional parameters (2 pages). Ordering information is given on any current masthead page.

(15) Dietrich, H.; Storck, W.; Manecke, G. *J. Chem. Soc., Chem. Commun.* **1982**, 1036.

(16) Rao, J. K. M.; Viswamitra, M. A. *Acta Crystallogr., Sect. B* **1972**, *B28*, 1484.

(17) Coggon, P.; McPhail, A. T. *J. Chem. Soc., Chem. Commun.* **1972**, 91.

(18) Udupa, M. R.; Kregs, B. *Inorg. Chim. Acta* **1973**, *7*, 271.

(19) Briant, C. E.; Hor, T. S. A.; Howells, N. D.; Mingos, D. M. P. *J. Organomet. Chem.* **1983**, *256*, C15.

(20) Wyckoff, R. W. G. "Crystal Structures", 2nd ed.; Wiley-Interscience: New York, 1963; Vol. 1, p 10. From the unit cell edge, 4.086 Å, the inter-nuclear distance of 2.88 Å is calculated.

(21) Connelly, N. G.; Lucy, A. R.; Galas, A. M. R. *J. Chem. Soc., Chem. Commun.* **1981**, 43.

## Additions and Corrections

**Orthoquinone Complexes of Vanadium and Their Reactions with Molecular Oxygen** [*J. Am. Chem. Soc.* **1983**, *105*, 2680-2686]. MARION E. CASS, DAVID L. GREEN, ROBERT M. BUCHANAN, and CORTLANDT G. PIERPONT\*

Page 2680: The crystallographic unit cell dimensions in the abstract were presented in incorrect order. The cell constants should read as follows:  $a = 11.633$  (4) Å,  $\beta = 13.102$  (4) Å,  $c = 11.486$  (4) Å,  $\alpha = 108.81$  (3)°,  $\beta = 97.82$  (3)°, and  $\gamma = 100.58$  (2)°.

**Selectivities of  $\pi$ - and  $\sigma$ -Succinimidyl Radicals in Substitution and Addition Reactions. Appendix: Response to Walling, El-Taliawi, and Zhao** [*J. Am. Chem. Soc.* **1983**, *105*, 5125-5131]. P. S. SKELL,\* R. L. TLUMAK, and S. SESHADRI

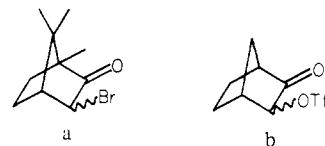
Page 5127, column 2, line 9:  $k_{10}/k_7 = 6.9$  should be  $k_{11}/k_8 = 6.9$ .

**Metacyclophanes and Related Compounds. 6. Reduction of [2.2]Metaparacyclophanequinone** [*J. Am. Chem. Soc.* **1983**, *105*, 6650]. MASASHI TASHIRO,\* KEIZO KOYA, and TAKEHIKO YAMATO

Page 6650: This statement "[2.2]metaparacyclophanequinones have not been synthesized previously" is an error. Earlier, Prof. H. A. Stabb et al. have prepared and characterized [2.2]metaparacyclophanequinone, which is published in *Tetrahedron Lett.* **1979**.

**Solvolyses of  $\alpha$ -Keto Norbornyl Trifluoroacetates and Triflates. Discrete  $\alpha$ -Keto Cations vs.  $\sigma$ -Assisted ( $k_{\Delta}$ ) Processes** [*J. Am. Chem. Soc.* **1983**, *105*, 7123-7129]. XAVIER CREARY\* and CRISTINA C. GEIGER

Reference to related studies on bromocamphor systems **a** was inadvertently omitted. While our rate and product studies implicated  $k_{\Delta}$  processes in solvolyses of triflates **b**, previous studies on products formed from silver ion promoted reactions of **a** had also implicated  $k_{\Delta}$  processes. See: (a) Béqu , J. P.; Charpentier-Morize, M.; Pardo, C.; Sansoulet, J. *Tetrahedron* **1978**, 293-298. (b) Charpentier-Morize, M. G. *Prepr., Div. Pet. Chem., Am. Chem. Soc.* **1983**, *28*(2), 297-318.



**Photochemical Transformations. 35. Stereochemistry of Electron Transfer from Photoexcited Aromatic Rings to Carbon-Chlorine Bonds. Syn Stereochemistry of Migration in Photo-Wagner-Meerwein Rearrangements** [*J. Am. Chem. Soc.* **1983**, *105*, 7337-7345]. STANLEY J. CRISTOL,\* DAVE G. SEAPY, and ELLEN O. AELING

Page 7343, column 1: In lines 22 and 29 2-(2',3'-dimethoxybenzoyl)benzoic acid should be 2-(3',4'-dimethoxybenzoyl)benzoic acid. In lines 28, 35, and 41 2-(2',3'-dimethoxybenzoyl)benzoic acid should be 2-(3',4'-dimethoxybenzoyl)benzoic acid.