

# Additions and Corrections

1964, Volume 3

**Kurt Moedritzer and John R. Van Wazer:** Exchange on Triply Connected Arsenic of the Substituents: Methoxyl, Dimethylamino, and the Halogens.

Page 143. In Table V, the enthalpy of formation of  $\text{As}(\text{OCH}_3)_3$ - $\text{Cl}_2$  from the end members should be  $-2.8$  kcal/mole.—**JOHN R. VAN WAZER**

**J. Braunstein and A. S. Minano:** Association of Cadmium Ion or Lead Ion with Chloride or Bromide in Molten Mixtures of Lithium Nitrate and Potassium Nitrate.

Page 221. The denominator of the second term in the bracket on the right-hand side of eq 1 should read  $r_B + r_X$ , without a prime.

The subscripts  $\text{LiNO}_3$  and  $\text{KNO}_3$  in the equation for  $-\Delta A_{\text{OAB}}$  under the graph in Figure 3 are reversed.

The numerical values calculated for  $\beta$ ,  $\alpha$ , and  $\Delta$  in the last paragraph should read  $-0.20$ ,  $-0.068$ , and  $-0.028$  (instead of  $-0.16$ ,  $-0.053$ , and  $-0.018$ ), respectively, and the decrease in the distance of closest approach which would reverse the sign of the calculated  $\Delta(\Delta U)$  should read  $0.10$  instead of  $0.08$ .—**J. BRAUNSTEIN**

**Kurt Moedritzer and John R. Van Wazer:** Scrambling of Methoxyl, Dimethylamino, and Chloro Groups on Silicon.

Page 272. In Table II, the following corrections should be made to the values of  $\Delta F_{\text{dev}}$

Compound	$\Delta F_{\text{dev}}$ , kcal/mole	Compound	$\Delta F_{\text{dev}}$ , kcal/mole
$\text{Si}(\text{OCH}_3)_3\text{Cl}$	-3.4	$\text{P}(\text{OCH}_3)_2(\text{OC}_2\text{H}_5)$	+0.1
$\text{Si}(\text{OCH}_3)_2\text{Cl}_2$	-3.8	$\text{P}(\text{OCH}_3)(\text{OC}_2\text{H}_5)_2$	+0.1
$\text{Si}(\text{OCH}_3)\text{Cl}_3$	-2.5		

We wish to thank A. R. Conrad and A. G. Lee, University Chemical Laboratory, Cambridge, England, for drawing our attention to these errors.—**JOHN R. VAN WAZER**

1965, Volume 4

**Ralph M. Miano and Clifford S. Garner:** Kinetics of Aquation of Hexachloroosmate(IV) and Chloride Anation of Aquopentachloroosmate(IV) Anions.

Page 342. In column 1, line 4 of text,  $\text{Os}(\text{OH})_2\text{Cl}_5^-$  should be  $\text{Os}(\text{OH}_2)\text{Cl}_5^-$ .—**C. S. GARNER**

**Jon M. Veigel and Clifford S. Garner:** Synthesis and Aquation Kinetics of *cis*-Chloroisothiocyanatobis(ethylenediamine)-chromium(III) Cation and of *cis*- and *trans*-Isothiocyanatoaquobis(ethylenediamine)chromium(III) Cations.

Page 1574. In Scheme I, *cis*- $\text{Cr}(\text{en})_2(\text{OH})_2\text{NCS}^{+2}$  should be *cis*- $\text{Cr}(\text{en})_2(\text{OH}_2)\text{NCS}^{+2}$ .—**C. S. GARNER**

1966, Volume 5

**Peter Moore, Fred Basolo, and Ralph G. Pearson:** Mechanism of the Acid Hydrolysis of the Iodopentaaquochromium(III) Ion. Evidence for a *trans* Effect of Iodide in a Chromium(III) Complex.

Page 224. Reference 11 is incorrect. It should be: The formula given in ref 10 is wrong.—**P. MOORE**

**Allan Zalkin, David H. Templeton, and Ted E. Hopkins:** The Atomic Parameters in the Lanthanum Trifluoride Structure.

Page 1467. In Table II, the value of  $\gamma$  for F(1) should be  $-0.055$  (not  $-0.005$ ).—**D. H. TEMPLETON**

**D. A. House and Clifford S. Garner:** Transition Metal Complexes of Tetraethylenepentamine. I. Preparation, Properties, and Geometric Configuration of  $\alpha$ - and  $\beta$ -Chlorotetraethylenepentaminecobalt(III) Tetrachlorozincate(II) and the  $\alpha$  Chromium Analog.

Page 2101. The molar rotation ordinates of Figure 2 should be divided by two.—**C. S. GARNER**

1967, Volume 6

**D. A. House and Clifford S. Garner:** Transition Metal Complexes of Tetraethylenepentamine. II. Some Acido-tetraethylenepentamine Complexes of Cobalt(III) and Chromium(III).

Page 275. The first chemical formula in Table II should have footnote references *b*, *c*. The third chemical formula from the bottom should have footnote reference *c*.—**C. S. GARNER**

**Gilman Veith, Elise Guthals, and Arlen Viste:** Kinetics of the Reaction of Silver(II) with Dithionate.

Page 667. In column 1, lines 9-11 of the Experimental Section should read as follows: The spiral anode was rotated by an electric motor, while the cathode was isolated in a glass cylinder with a sintered-glass frit.

Page 668. In column 1, the third line of text from the bottom, "Table I" should read "supplementary material<sup>16</sup>."—**ARLEN VISTE**

**R. Graham Hughes and Clifford S. Garner:** The Use of Chromium(IV) Diperoxo Amines in the Synthesis of Chromium(III) Amine Complexes. III. Some Bromo, Phosphato, and Sulfato Ethylenediamine Complexes.

Page 1519. In line 6 of the abstract, the first formula should be  $\text{Cr}(\text{en})(\text{OH}_2)_3\text{PO}_4$ .

Page 1521. In column 1, line 4 of the second paragraph, the resin used was AG1-X8.

Page 1523. In column 1, line 4 of text, the formula should read  $\text{Cr}(\text{en})(\text{OH}_2)_2\text{Cl}_2^+$ . In column 2, line 1 of text, the second formula should be  $\text{Cr}(\text{ibn})(\text{OH}_2)_3\text{Cl}_2^{+2}$ .—**C. S. GARNER**

**D. M. Tully-Smith, R. K. Kurimoto, D. A. House, and C. S. Garner:** Hydrolysis Kinetics of the Blue Isomer of Dichlorodiaquoethylenediaminechromium(III) Cation and of the Magenta Isomer of Chlorotriquoethylenediaminechromium(III) Cation.

Page 1524. In line 5 of the abstract, the correct  $E_a$  is  $27.4 \pm 0.2$  kcal mole<sup>-1</sup>. In column 2, line 2 of the second paragraph, the first "well" should be deleted.

Page 1525. The fifth entry in Table I for  $10^5 k_1$  should read  $4.0 \pm 1.0$ .

Page 1527. In column 1, line 4 of the second paragraph, the word "rate" should read "range." In column 2, line 4 of the second paragraph,  $\log PZ$  should read  $14.0 \pm 0.4$  (sec<sup>-1</sup>). In the next paragraph the contribution of base hydrolysis to the disappearance of magenta  $\text{Cr}(\text{en})(\text{OH}_2)_3\text{Cl}_2^{+2}$  is now known to be negligible down to  $0.35 M H^+$  ( $\mu = 1.5 M$ ) at  $60^\circ$ .—**C. S. GARNER**