

**Murray Hauptschein and Aristid V. Grosse.** Perfluoroalkyl Halides Prepared from Silver Perfluoro-fatty Acid Salts. I. Perfluoroalkyl Iodides.

Page 2462. In Fig. 2, for "1,1-diiodohexafluoropropane" read "1,3-diiodohexafluoropropane."—MURRAY HAUPTSCHHEIN.

**Norman H. Cromwell, J. Hill Anglin, Jr., Frank W. Olsen and Norval G. Barker.** Ethylene Imine Ketones. VIII. Stereochemical Configurations and Reactions with Organometallic Compounds.

Page 2804. In Table I, second line. For, "3-( $\alpha$ -p-Tolyl- $\alpha$ -hydroxyethyl) *trans*," read "3-(Di-p-Tolylhydroxymethyl) *trans*." In column 2 under the formulas for the *trans*-series, in the second line, compound II. For AR<sup>n</sup>, "CH<sub>3</sub>," read for AR<sup>n</sup>, "*p*-CH<sub>3</sub>-C<sub>6</sub>H<sub>4</sub>."

Page 2805. In column 1, Experimental section, lines 6 and 7. Delete, "*trans*-1-methyl-2-phenyl-3-*p*-toluylethylenimine."<sup>1</sup> In line 8 delete, "II." In line 10 after "IV," add the sentence, "Addition of *p*-tolylmagnesium bromide to *trans*-1-methyl-2-phenyl-3-*p*-toluylethylenimine(I) produced II."—NORMAN H. CROMWELL.

**Jonathan L. Hartwell and Anthony W. Schrecker.** Components of Podophyllin. V. The Constitution of Podophyllotoxin.

Page 2914. In col. 1, line 50, for "C<sub>22</sub>H<sub>26</sub>O<sub>9</sub>" read "C<sub>29</sub>H<sub>26</sub>O<sub>9</sub>."—JONATHAN L. HARTWELL.

**B. J. Thamer and A. F. Voigt.** Zirconium Chloranilate Complexes.

Page 3199. In col. 2, line 16, for "*h*<sub>0</sub>" read "*h*<sub>1</sub>."

Page 3200. In col. 2, line 16 from the end, for "*K*<sub>2</sub> ± ..." read "*K*<sub>2</sub> = ...."

Page 3201. In col. 1, Fig. 3, the abscissa legend should be "*r*." The last line of col. 1 should read "one and two...." In Table VI, the heading of col. 1 should have "Zr<sup>4+</sup>" instead of "Zn<sup>4+</sup>."—BURTON J. THAMER.

**S. S. Todd.** Low-temperature Heat Capacities and Entropies at 298.16°K. of Crystalline Calcium Orthosilicate, Zinc Orthosilicate and Tricalcium Orthosilicate.

Page 3277. In line 3 of the abstract, for "40.3 ± 0.3 and 31.4 ± 0.3" read "31.4 ± 0.3 and 40.3 ± 0.3."—SAMUEL S. TODD.

**W. C. Lothrop, G. R. Handrick and R. M. Hainer.** The Structure and Infrared Absorption Spectra of Polynitrophenylmethylnitramines and Polynitroanilines.

Page 3583. In Fig. 2 for spectrum D and in Table II beside tetryl, for "2,3,6-trinitrophenylmethylnitramine" read "2,4,6-trinitrophenylmethylnitramine."—G. R. HANDRICK.

**L. R. Dawson, H. K. Zimmerman, Jr., Wm. E. Sweeney and G. P. Dinga.** Densities and Viscosities of Solutions of the Zinc Halides in Methanol from -50 to 20°.

Page 4327. In col. 1, the last term in equation (2) should read "*fT*<sup>3</sup>."—HOWARD K. ZIMMERMAN, JR.

**Henry Gilman and Cecil G. Brannen.** Some 1-Naphthylsilicon Compounds.

Page 4642. In col. 1, line 21, for "C<sub>15</sub>H<sub>22</sub>O<sub>3</sub>Si" read "C<sub>29</sub>H<sub>22</sub>Si." In line 55, for "C<sub>24</sub>H<sub>21</sub>OSi" read "C<sub>24</sub>H<sub>24</sub>O<sub>2</sub>Si."

**Henry Feuer, G. Bryant Bachman and Emil H. White.** The Reactions of Succinic Anhydride with Hydrazine Hydrate.

Page 4716. In col. 2, Table I, line 3, col. 7, for "11.8" read "1.18."

Page 4718. In col. 1, line 8 from the end, footnote ref. <sup>10</sup> should be <sup>9</sup>.—HENRY FEUER.

**Merle Randall and F. E. McKenna.** The System Methyl Ethyl Ketone-Water below 0°.

Page 4860. In col. 2, line 4, for "-83.36 ± 0.01 °" read "-86.36 ± 0.01 °."—F. E. MCKENNA.

**Paul Delahay.** Theory of Polarographic Currents Controlled by Rate of Reaction and by Diffusion.

Page 4948. For "(moles per liter)<sup>-1</sup>" read "(moles per cm.<sup>3</sup>)<sup>-1</sup>" in col. 1, line 9; Table II, heading of col. 4; page 4949, col. 1, last line; and col. 2, line 10.—PAUL DELAHAY.

**John D. Roberts and Vaughan C. Chambers.** Small-Ring Compounds. VIII. Some Nucleophilic Displacement Reactions of Cyclopropyl, Cyclobutyl, Cyclopentyl and Cyclohexyl *p*-Toluenesulfonates and Halides.

Page 5037. In col. 1, Table II, the relative rate for cyclohexyl chloride, last line, last entry, should be 1.00.—JOHN D. ROBERTS.

**Th. Wagner-Jauregg, J. J. O'Neill and W. H. Summerson.** The Reaction of Phosphorus-containing Enzyme Inhibitors with Amines and Amino Acid Derivatives.

Page 5202. In col. 2, formula II should read "*i*-(C<sub>3</sub>H<sub>7</sub>O)<sub>2</sub>PO·NHCH<sub>2</sub>CONH<sub>2</sub>."—TH. WAGNER-JAUREGG.

**Murray Hauptschein and Aristid V. Grosse.** Perfluoro-*n*-propyl Disulfide and Perfluoro-*n*-propyl Trisulfide.

Page 5462. In Table I, col. 5, top line, for "*d*<sub>0</sub>" read "*d*<sub>1</sub>."

Page 5463. In col. 1, line 14, for "the C<sub>3</sub>F<sub>3</sub>-group" read "the C<sub>3</sub>F<sub>7</sub>-group."—MURRAY HAUPTSCHHEIN.

**Norman N. Lichtin and Herbert Glazer.** Ionization Equilibria in Liquid Sulfur Dioxide. II.

Page 5539. Corrected values for Table III are given herewith:

R <sub>1</sub>	R <sub>2</sub>	R <sub>3</sub>	$\Delta_{12}$ , mhos cm. <sup>2</sup> /mole	10 <sup>3</sup> K <sub>exp</sub>	$\Delta F_{00}^{\circ}$ , kcal./mole
H	H	H	...	4.03 <sup>a</sup>	...
H	H	<i>m</i> -C <sub>6</sub> H <sub>6</sub>	173 <sup>b</sup>	3.41 <sup>b</sup>	+5.58 <sup>b</sup>

<sup>a</sup> Typographical error in original. <sup>b</sup> Numerical error in Shedlovsky calculation gave original values.—NORMAN N. LICHTIN.

**C. G. Overberger, Lester H. Arond and John J. Taylor.** Ionic Copolymerization. The Effect of Reaction Conditions on the Monomer Reactivity Ratios for the System Styrene-*p*-Chlorostyrene-Stannic Chloride.

Page 5541. The author's name should be "Arond" instead of "Arnold."—C. G. OVERBERGER.

**Quentin E. Thompson.** The Diacylation of Amides by Acyl Chloride-Pyridine Compounds.

Page 5841. Col. 1, last line, the generalized formula for tertiary amides should be RCON(COR')<sub>2</sub>.

Page 5844. In Table II the space in the temperature column for compound 14a should be blank and the yield should be 5%. Compound 18 should be (PhCH=CHCO)<sub>2</sub>N and 28 should be (CH<sub>3</sub>)<sub>2</sub>CH(CH<sub>2</sub>)<sub>2</sub>CONHCOCH<sub>3</sub>.—QUENTIN E. THOMPSON.

**Quentin E. Thompson.** Preparation and Identification of *N*-Formylbenzamide and Its Condensation Product with Phenylhydrazine.

Page 5915. In col. 1, line 15, for "formalbenzamide" read "formylbenzamide."—QUENTIN E. THOMPSON.

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**Alexander I. Popov and James J. Mannion.** Thermodynamic Constants and the Degree of Dissociation of Bromine Chloride in Carbon Tetrachloride Solution.

Page 223. In col. 1, line 16, for "minimum" read "maximum."

Page 224. In col. 2, line 4, for "-317 cal." read "-312 cal."—ALEXANDER I. POPOV.

**Charles L. Rulfs and W. Wayne Meinke.** Observations on Some Chemical and Physical Properties of Technetium and its Compounds.

Page 235. In col. 2, lines 6 and 5 from the end, for "15,000, 40,000 and greater than 100,000, respectively," read "1500, 4000 and greater than 10,000."—CHAS. L. RULFS.