Page 404. In Column 1, line 22, for "derivative" read "derivatives." Table II, column 4, entry line 2, for "14.4" read "14.1." In column 2, line 13 from bottom, for "phenylcyclopropane-carbonylcarboxylic," read "phenylcyclopropanecarboxylic."

Page 406. In column 2, line 30 for $(I)^{25}$ read $(I)^{26}$.—NORMAN H. CROMWELL.

E. Spinner. Intramolecular van der Waals–London Cohesions in Butadiene and Benzene.

Page 504. Formulas (I) and (II) should appear as

$$\text{(1)}\quad \underset{57{,}310\ \text{cm.}^{-1}}{\overset{\longleftrightarrow}{CH_2{=}CH_2}} \qquad\qquad \text{(II)}\quad \underset{46{,}080\ \text{cm.}^{-1}}{\overset{\longleftrightarrow}{CH_2{=}CH}{-}\overset{\longleftrightarrow}{CH{=}CH_2}}$$

Robert W. Holley. An Alanine-dependent, Ribonuclease-inhibited Conversion of AMP to ATP, and its Possible Relationship to Protein Synthesis.

Page 660. In Table I, footnote *a*, line 3, read "10 μmoles" for "5 μmoles" of magnesium chloride.

In col. 2, line 11, substitute "0.10 *M* $MgCl_2$" for "0.05 *M* $MgCl_2$."—ROBERT W. HOLLEY.

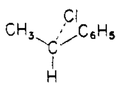
Philip L. Southwick and Jack R. Kirchner. A New Synthesis of Flavone Involving Cyclization *via* Displacement of Aromatic Chlorine.

Page 690. Formula IIa, Chart I, should show a positive ⊕ rather than a negative charge on nitrogen.

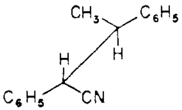
Page 691. In col. 2, line 35, sentence 2 should read "The mixture was heated at 100° for *ca.* 1 hour, then extracted three times with 10-ml. portions of ether."—PHILIP L. SOUTHWICK.

William J. Chambers, Wallace R. Brasen and Charles R. Hauser. Stereochemical Course in the Alkylation of Phenylacetonitrile and Phenylacetic Acid with Optically Active α-Phenylethyl Chloride.

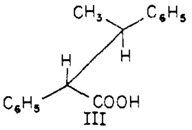
Page 880. Structures I, II and III should appear as shown herewith, and thus the D and L notations in the text should be changed accordingly.



I



II



III

CHARLES R. HAUSER.

Philip S. Skell, Robert C. Woodworth and James H. McNamara. Configuration of Free-Radicals. Non-stereospecificity of *cis-* and *trans*-2-Butene-Sulfur Dioxide Copolymerizations.

Page 1256. In col. 1, line 6 above the figure, for "3.5" read "−9.0."—PHILIP S. SKELL.

John E. Dickens, Fred Basolo and H. M. Neumann. Mechanism of Racemization of Complex Ions. III. Effect of Added Ions upon the Rates of Dissociation of Tris-(1,10-phenanthroline)-iron(II) and Tris-(1,10-phenanthroline)-iron(III) and upon the Rate of Racemization of Tris-(1,10-phenanthroline)-iron(III).

Page 1289. In col. 1, line 15, after the word "between" insert "8.5 and 10.0 Å. Ion pair formation is not expected between."—FRED BASOLO.

Gardner W. Stacy, James Wm. Cleary and Melvin J. Gortatowski. Stobbe-type Condensation of Ketones (Cyclohexanone and Acetone) with Diethyl Oxalacetate.

Page 1451. In formula II the lower substituent should attach to the second carbon atom.

Page 1452. In formula X the right-hand end group should be C_6H_5.

Page 1453. In col. 2, line 44, for "18.2 g." read "25.1 g."

Page 1454. In col. 2, line 2, for "(0.50 mole)" read "(0.05 mole)."—GARDNER W. STACY.

Harold H. Zeiss and Frances R. Zwanzig. Chromate Esters. III. Mechanism of Oxidation of 2-Methylfenchol and 1-Methyl-α-fenchene.

Page 1735. In col. 1, line 2, after "II." insert "However, in contrast with these latter reactions, the rate of oxidation of III–IV, $k_2^{25} = 1.03 \times 10^{-4}$ l./mole-sec., is second order, and the only hexavalent chromium species observable spectroscopically is chromic anhydride (347 mμ)."—HAROLD H. ZEISS.

Frederic Holtzberg, Arnold Reisman, Margaret Berry and Melvin Berkenblit. Chemistry of the Group VB Pentoxides. The Polymorphism of Nb_2O_5.

Page 2039. In the Abstract, line 6, for "b = 2.816Å." read "b = 3.816Å." In footnote (12) for "high purity of Nb_2O_5" read "high purity Nb_2O_5."

Page 2040. In Fig. 2, in the abscissa legend, for "10^{-2}" read "10^{-3}."—F. HOLTZBERG.

R. L. Ward and S. I. Weissman. Electron Spin Resonance Study of the Electron Exchange between Naphthalene Negative Ion and Naphthalene.

Page 2090. In col. 2, beginning at line 33, the rest of the paragraph should read "achieve in 36 different ways. Thus 255 of the 256 electron jumps originating in one of the extreme lines terminate in a frequency different from the original one, while 220 of 256 jumps originating in the central line terminate in a different frequency. Use of the central line may underestimate the exchange rate by 14%."—S. I. WEISSMAN.

Robert C. Woodworth and Philip S. Skell. The Reactions of Bivalent Carbon Species.

Page 2543. Footnote (15) should read at the end "*C.A.*, **49**, 883 (1955).—PHILIP S. SKELL.

Henry Gilman and Richard D. Gorsich. Some Reactions of *o*-Halophenyllithium Compounds.

Page 2625. In col. 1, footnote (2), for (1950) read (1956).

Page 2627. In col. 1, in the reaction diagram, the $(C_6H_5)_3$-Si- group should be attached at the *ortho* instead of the *meta* position.—HENRY GILMAN.

Donald Rosenthal and T. Ivan Taylor. A Study of the Mechanism and Kinetics of the Thioacetamide Hydrolysis Reaction.

Page 2685. Under Fig. 2 read "A, intermediate extracted with ether from a 0.001 *M* thioacetamide solution 1.3 *M* in HCl, re-extracted with 0.2 *M* NaOH and diluted to 0.01 *M* NaOH; B, 0.001 *M* thioacetic acid in 1.3 *M* HCl extracted with ether, re-extracted with 0.2 *M* NaOH and diluted to 0.04 *M* NaOH; I, etc."

Page 2687. In col. 2, line 12, for "−1.76" read "+1.76."

Page 2688. In lines 6–7, read "$\log f_T f_{H_3O^+}/f_{M^*} = BC$. In Tables I, III and page 2689, Table V, the heading of columns 2 to 5, read "$k \times 10^5$" rather than "$k \times 10^{-5}$."—DONALD ROSENTHAL.

W. W. Bromer, A. Staub, E. R. Diller, H. L. Bird, L. G. Sinn and Otto K. Behrens. The Amino Acid Sequence of Glucagon. I. Amino Acid Composition and Terminal Amino Acid Analyses.

Page 2797. Add to the legend of Fig. 2: "The chromatographic lanes, in order from top to bottom, contain DNP-arginine, ether extract of DNP-glucagon hydrolysate, aqueous phase of DNP-glucagon hydrolysate, ε-DNP-lysine, and di-DNP-histidine.—WILLIAM W. BROMER.

Charles C. Price and Robert J. Convery. The Free Radical Phenylation of 2,4-Dinitrotritiobenzene.

Page 2941 ff. The conclusion that there is no isotope effect in the free radical phenylation of 4-tritio-*m*-dinitrobenzene regrettably is in error. Because of the low conversion, no conclusions concerning an isotope effect can be made (see L. Melander, *Arkiv for Kemi*, 2, 248 (1950)).—CHARLES C. PRICE.

Britton Chance and Gunnar Hollunger. Sites of Energy Conservation in Oxidative Phosphorylation.