

Edward M. Kosower and Brian G. Ramsey. The Effect of Solvent on Spectra. IV. Pyridinium Cyclopentadienylide.

Page 859. In col. 2, line 4 above first formulas, insert "(carbene)," after the word "molecule." In footnote (16) add "The cyclopentadienylene (XII) route to fulvalene has been proposed previously by W. von E. Doering and D. H. DePuy, *ibid.*, 75, 5955 (1953), through photolysis of diazocyclopentadiene."—E. M. KOSOWER.

Harold Kwart and Robert T. Keen. The Course of Acid-catalyzed Rearrangement of Phenylcyclohexane Hydroperoxide and its Derivatives; Observations on the Properties and Oxidation of 6-Hydroxyhexanophenone.

Page 945. In col. 1, section below first formulas, for "VIII" and "VIIIa" read "VI" and "VIa." At the end of the column, insert "VII" and "VIII" under the left and right formulas, respectively.—HAROLD KWART.

C. F. Richard, R. L. Gustafson and A. E. Martell. Stability of Metal Chelates of 8-Quinololinol-5-sulfonate.

Pages 1033 ff. The authors state: In this paper we discuss the relative stabilities of some divalent transition metal ion chelates of 8-quinolinol and 8-quinolinol-5-sulfonate. The comparison was not valid since the 8-quinolinol data were obtained in 70% dioxane solution whereas our results on the sulfonated derivative were obtained in aqueous solution (in 0.10 M KNO<sub>3</sub> at 25.0°). Albert (*Biochem. J.*, 54, 646 (1953)) investigated both systems potentiometrically in aqueous solution under conditions where no supporting electrolyte was employed and found that the chelate formation constants of the two systems are approximately equal in magnitude. This result is somewhat surprising since the basicities of the donor groups of 8-quinolinol-5-sulfonate are considerably less than those of the unsulfonated ligand.

Page 1034, equation (17) should read

$$K_{MA} = \frac{T_A - [A^{2-}]X}{[A^{2-}]^2X}$$

C. F. RICHARD, R. L. GUSTAFSON, A. E. MARTELL.

Filippo Accascina, Alessandro D'Aprano and Raymond M. Fuoss. The Conductance of Tetraethylammonium Picrate in Methanol-Water Mixtures at 25°.

Page 1060. Three lines above equation (3), the parentheses should be deleted to give "5 $\phi$ /2c."—RAYMOND M. FUOSS.

Ernest L. Eliel and Ralph G. Haber. Conformational Analysis. VII. Reaction of Alkylcyclohexyl Bromides with Thiophenolate. The Conformational Equilibrium Constant of Bromine.

Page 1249. In col. 1, line 2 for " $(k_a - k)/(k - k_e)$ " read " $(k_a - k)(k - k_e)$ ."—ERNEST L. ELIEL.

Arthur G. Anderson, Jr., William F. Harrison, Robert G. Anderson and Allan G. Osborne. Synthesis of Cyclopentac[thiapyran and 2-Phenyl-2-pyridine.

Page 1255. In the title for "2-phenyl-2-pyridine" read "2-phenyl-2-pyridine." In col. 2, line 1, for "mon-alternant" read "nonalternant"; text line 4, for "cyclopropane-1-carboxy-2-acetic acid" read "cyclopentane-1-carboxy-2-acetic acid"; last text line, for "fro" read "from."—ARTHUR G. ANDERSON, JR.

Filippo Accascina, Sergio Petrucci and Raymond M. Fuoss. The Conductance of Tetrabutylammonium Tetraphenylboride in Acetonitrile-Carbon Tetrachloride Mixtures at 25°.

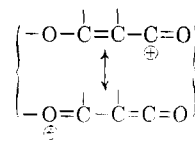
Page 1302. In equation (1), the sign preceding  $E_{c\gamma}$  log  $c\gamma$  should be "minus."—RAYMOND M. FUOSS.

M. L. Wolfrom, W. W. Binkley and Leo J. McCabe. The Effect of Ionizing Radiation on Carbohydrates. The Irradiation of Sucrose and Methyl  $\alpha$ -D-Glucopyranoside.

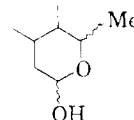
Page 1442. In line 3 of the abstract, the order of figures should be 37.8, 27.0 and 22.2%.—M. L. WOLFROM.

Ernest Wenkert and N. V. Bringi. A Stereochemical Interpretation of the Biosynthesis of Indole Alkaloids.

Page 1476. In col. 1, in the middle, two formulas should be corrected to read



In col. 2, text line 23, for "15" read "20." Also, the lower part of formula XI should be



Page 1478. In col. 2, line 14, for "SN<sub>1</sub>" read "SN<sub>1</sub>". All formulas in the middle of col. 2 are part of footnote 40.

Page 1479. In col. 2, the formula for emetine in footnote 43 should be formula XXXVI and placed in the text at the end of the first paragraph.—ERNEST WENKERT.

John E. Lind, Jr., James J. Zwolenik and Raymond M. Fuoss. Calibration of Conductance Cells at 25° with Aqueous Solutions of Potassium Chloride.

Page 1558. The last equation in the table should read " $b = e^2/aDkT$ ." Three lines below, "298.160" should be replaced by "273.160."

Page 1559. Five lines below the  $c/m$  equation, "solution" should be replaced by "solvent."—RAYMOND M. FUOSS.

Seymour Bernstein, Milton Heller, Ruddy Littell, Stephen M. Stolar, Robert H. Lenhard, William S. Allen and Ira Ringler. 16-Hydroxylated Steroids. VII. The Synthesis of the 16 $\alpha$ -Hydroxyl Derivatives of 2-Methyl Steroids.

Page 1698. In Table I, first entry for the "Free Steroid (IIa)," the Mineralocorticoid activity should read "<0.1" instead of "0.1."—SEYMOUR BERNSTEIN.

M. L. Wolfrom and (Mrs.) T. M. Shen Han. The Sulfonation of Chitosan.

Page 1764. The title should read "Sulfation" instead of "Sulfonation."—M. L. WOLFROM.

William A. Bonner and Thomas W. Greenlee. Raney Nickel Catalyzed C1-C2 Fission of 2-Arylethanol; the Single Carbon Fragment.

Page 2123. In col. 1, the word "toluene" in the second and fourth lines below formula IV should read "ethylbenzene."—W. A. BONNER.

Lynn H. Slaugh. Rearrangement of the 2-Phenylethyl Free Radical.

Page 2264. In col. 1, line 1 under Table I, after the word "radical" insert "is not required for rearrangement. The stability of the rearranged radical."—LYNN H. SLAUGH.

N. C. Deno, Henry E. Berkheimer, William L. Evans and Henry J. Peterson. Carbonium Ions. VII. An Evaluation of the  $H_R$  Acidity Function in Aqueous Perchloric and Nitric Acids.

Page 2345. In Table I, first part, the second column, the Moles/l. values given for HClO<sub>4</sub> are incorrect and the whole column should be disregarded.—N. C. DENO.

Raymond M. Fuoss. Conductance of Dilute Solutions of 1-1 Electrolytes.

Page 2662. In the last sentence of the paragraph ending near the center of column 1, delete "or as the slope of a plot of  $(y + Jc\gamma)$  against  $x$ ."—RAYMOND M. FUOSS.

William M. Foley, Frank J. Welch, Edward M. La Combe and Harry S. Mosher. Asymmetric Reductions. VI. The Action of the Grignard Reagent from (+)-1-Chloro-2-methylbutane on a Series of Alkyl *t*-Butyl Ketones.

Page 2782. In Table III, line 2 of the footnote, for the clause "Zook, McAlee and Horwin, ... in 20% yield";



substitute: H. D. Zook and S. C. Paviak, *THIS JOURNAL*, **77**, 2502 (1955), obtained ethyl *t*-butyl ketone in 52% yield by the action of ethylmagnesium bromide on trimethylacetamide; b.p. 123–124° (735 mm.),  $n_D^{20}$  1.4048–1.4052i."—HARRY S. MOSHER.

Robert H. Sprague and George de Stevens. Cyanine Dyes. II. Absorption of Cyanines Derived from 2-Methyl-8H-indeno[1,2-d]thiazole.

Albert P. Doerschuk, *et al.* Biosynthesis of Tetracyclines. I. The Halide Metabolism of *Streptomyces aureofaciens* Mutants.

Page 3071. In col. 1, Table IV, in line 3 of the col. heads, for "SCN—" read "Cl—".—A. P. DOERSCHUK.

Anthony T. Coscia and S. Carlton Dickerman. Synthesis of Pyrido[4,3-b]quinoline (2,10-Diazaanthracene) and Related Compounds.

Page 3098. In col. 1, end of text line 7, read "steps.<sup>a,da</sup>," and add footnote to read:

(6a) The authors are indebted to Nobuo Ikekawa (Visiting Scientist, Laboratory of Chemistry, NIAM, NIH, Bethesda 14, Md.) for informing them that he had reported the Synthesis of 2,10-diazaanthracene (*Chem. and Pharm. Bull. Japan*, **6**, 401 (1958).

Page 3100. In col. 1, line 3, for " $\lambda_{\max}$  239 (log e 4.60)" read "249  $m\mu$  (log e 4.93)."—S. CARLTON DICKERMAN.

Page 3095. In col. 2, formula structure VI, in the left-hand part, the second ring should have O for oxygen at the apex instead of S.

Jerome F. Eastham, George B. Miles and Charles A. Krauth. Characterization of the Products from Oxidation of Cholestenone with Osmium Tetroxide.

Page 3114. Omit superscript "1" after "Krauth" in authors' names.

Page 3119. Footnote (30) should read "This compound has been reported previously by R. B. Clayton, H. B. Henbest and Michael Smith, *J. Chem. Soc.*, 1982 (1957)."—J. F. EASTHAM.

P. J. Lucchesi, D. L. Baeder and J. P. Longwell. Stereospecific Isomerization of Butene-1 to Butene-2 over  $\text{SiO}_2\text{-Al}_2\text{O}_3$  Catalyst.

Page 3237. In the lettered-in legend in Fig. 2, the first line should read "—Theoretical for..."—P. J. LUCCHESI.

Leon M. Stock and Herbert C. Brown. The Selectivity Relationship. An Examination of the Electrophilic Substitution, Electrophilic Side-Chain and Hammett Side-Chain Reactions of Toluene and Toly Derivatives.

Page 3324. In Table I, the concentration of mercuric acetate should read 0.2 *M* and 0.04 *M* in entries 38 and 39, respectively.—HERBERT C. BROWN.

Wen-chih Liu and F. M. Strong. The Chemistry of Antimycin A. VI. Separation and Properties of Antimycin A Subcomponents.

Page 4387. In col. 2, footnote (18) for "carbon tetrachloride" read "chloroform."

Page 4388. In col. 1, line 10 below Fig. 2, for "511" read "5.11." In col. 2, line above heading Results and Discussion, for "Figs. 3 and 4" read "Fig. 3."

Page 4390. In col. 2, line 6, for "three" read "two."—F. M. STRONG.

Seymour Bernstein, Ruddy Littell, John J. Brown and Ira Ringler. 16-Hydroxylated Steroids. XII. The 16 $\alpha$ -, 17 $\alpha$ -Acetonides of Synthetic Non-halogenated Corticoids.

Page 4573. The first paragraph in col. 2 unfortunately through proof-checking error was cut short at the time page proof was assembled, and should read "Finally, compounds VI, VII and VIII appear to be the most active corticoids yet synthesized which do not contain halogen."

Robert E. Erickson, Clifford H. Shunk, Nelson R. Trenner, Byron H. Arison and Karl Folkers. Coenzyme Q. XI. The Structure of Solanesol.

Page 4999. The authors wish to state that "The reported structure of solanesol has been found to be incorrect and Table I should read:

TABLE I			
NUCLEAR MAGNETIC RESONANCE SPECTRA OF SOLANESOL <sup>a</sup>			
Band	$\tau^b$	Assignment	
1	4.93	—CH <sub>2</sub> —CH=C<	
2	5.90 6.06	HO—CH <sub>2</sub> —CH<	
3	8.01	=C—CH <sub>2</sub> —CH <sub>2</sub> —C=	
4	8.40	=C—CH <sub>3</sub>	

<sup>a</sup> Concentration, 14% in carbon tetrachloride. <sup>b</sup>  $\tau = (\gamma_0/40) + 3.50$  where  $\gamma_0$  is the observed band position in c.p.s. relative to benzene as external standard; see G. V. D. Tiers, *J. Phys. Chem.*, **62**, 1151 (1958).—ROBERT E. ERICKSON.

Susumu Nakanishi, Ken-ichi Morita and Elwood V. Jensen. The Reaction of Perchloryl Fluoride with Enol Ethers.

Page 5260. In Table I, the hydrogen analysis for Compound VIII should read "8.48" instead of "3.48." In col. 1, line 16, for "sodio-21-ethoxyalyl..." read "sodio-21-ethoxyalyl..."—ELWOOD V. JENSEN.

G. N. Schrauzer. Bisacrylonitrile Nickel and Related Complexes from the Reaction of Nickel Tetracarbonyl with Compounds Containing Activated Double Bonds. I.

Page 5310. In Col. 2, line 14, after "bonding" append this note: "The vinyl absorption of acrylonitrile in I appears to have split into two bands of medium intensity and shifted to 917 and 830  $\text{cm}^{-1}$ , respectively. A detailed description and discussion of the infrared spectra of I and similar complexes is in preparation.—G. N. SCHRAUZER.

Philip L. Southwick and Raymond J. Shozda. The Stereochemistry of Conjugate Additions.

Page 5438. In col. 2, the end of the upper formula block should read "→ VI."

A. J. Kresge and Y. Chiang. The Mechanism of the Acid-catalyzed Aromatic Hydrogen Exchange.

Page 5509. In col. 2, Fig. 1, the ordinate should read " $10^6 k$  (min.<sup>-1</sup>)." instead of " $10^{-6} k$  (min.<sup>-1</sup>)."—A. J. KRESGE.