

XXIV

**Paul B. Venuto and A. R. Day:** The Preparation of Allylic Alcohols from Citral a and Citral b. A Study of Their Dehydration Reactions.

Page 2735. First column, fourth line from bottom should read "The methyl resonance from the group  $-\text{CCH}_3=\text{CHCHOH}-$  in III occurred at 0.05-p.p.m. higher field ( $\tau$  8.39) than in its stereoisomer IV ( $\tau$  8.34)." and not "at 0.5 p.p.m.," as printed.

**Richard E. Pincock and John H. Rolston:** Alkylation of Ethyl, Isobornyl, and Menthyl Esters of 2-Methylbutanoic Acid.

Page 2992. In column 2, line 18, "Anal. Calcd. C, 77.51; H, 11.53." should read "Anal. Calcd. for  $\text{C}_{19}\text{H}_{34}\text{O}_2$ : C, 77.50; H, 11.64. Found: C, 77.51; H, 11.53."

**H. K. Hall, Jr.:** Correlation of the Nucleophilic Reactivity of Aliphatic Amines.

Page 3540. Table I, under Carbon Dioxide 18°, it should read  $10^2$  instead of  $10^{-2}$ .

Page 3540. Table I, in the hydrazine-dimethylcarbamyl chloride entry, raise "85" by one line.

Page 3540. Table I, lower entries 13 by one line.

Page 3541. Under entries 36 read "4.5."

Page 3544. For the intercept under dimethylcarbamyl chloride, read " $-11.73$ " instead of " $11.73$ ."

**H. K. Hall, Jr.:** The Effect of Axial Alkyl Groups on the Base Strengths of Cyclic Amines.

Page 3136. Table I, reference e. Change to R. C. Schreyer (*J. Am. Chem. Soc.* . .).

**Theodore C. Miller and Robert G. Christiansen:** 5 $\alpha$ -Androstano[3,2-b]pyrroles.

Page 3613. Structure 7 should be the same as 6 ( $\text{R}' = \text{H}$ ) but with N-H instead of  $\text{N}-\text{CH}_2\text{C}_6\text{H}_5$ .

**Alfred Hassner and Clayton Heathcock:** On the Mechanism of the Conversion of  $\beta$ -Iodo Carbamates to Aziridines.

Page 3643. In column 1, Table II, the heading, "XII + XIV," should read "XII/XIV."

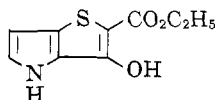
Vol. 30, 1965

**R. J. Morris and E. W. Hussey:** A Natural Glycoside of Medicagenic Acid. An Alfalfa Blossom Saponin.

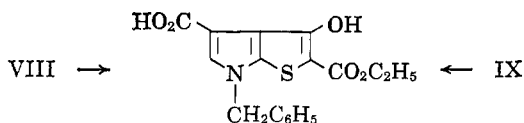
Page 167. Column 2, line 38, it should read "95%" and not "19%."

**Richard K. Olsen and H. R. Snyder:** The Synthesis of N-Benzylthieno[2,3-b]pyrrole.

Page 184. Column 2, the formula numbers should read as follows.



XI



**Stanley J. Cristol, Thomas W. Russell, and David I. Davies:** Bridged Polycyclic Compounds. XXVII. Addition of Thiophenol to 5-Methylenenorbornene.

Page 211. Column 1, under "Preparation of 5-Methylenenorbornene," the first sentence should read "To 48.4 g. (0.4 mole) of refluxing collidine (Eastman White Label) was added 37.4 g. (0.1 mole) of dehydronorbornylcarbinyl bromide."

Page 211. Column 1, under "Preparation of 5-Methylenenorbornene," line 9, "(. . . 80%)" should read "(. . . 76% based on unrecovered bromide)."

**C. G. Overberger, H. Ringsdorf, and B. Avchen:** Potential Antiradiation Agents. Preparation and Polymerization of N-Vinyl-2-thiazolidinone.

Page 233. Column 2, line 16, "0.80" should read " $-0.80$ ."

Page 234. Paragraph "B. From V," line 12, the word

"yield" has been deleted. It should read: "as such; yield 29 g. (35%)."

Page 234. Paragraph "B. Solution Polymerization," line 11, "IV" should be "VI."

**Gurdial Singh and Hans Zimmer:** Synthesis and Reactions of Some Triphenylphosphazines. The Use of Long-Range  $\text{P}^{31}\text{-H}^1$  Coupling for Structure Determination.

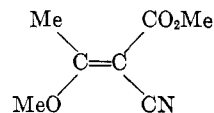
Page 419. Table IV, compound 27, the chemical shift should read "3.25" instead of "2.25."

**William M. Harris and T. A. Geissman:** Alkaloids of *Guatteria psilopus* Mart. Guatterine and Atherospermidine.

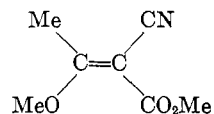
Page 432. Column 2, line 2, parameters cited for the methylenedioxy group should read "4.11" and "4.27."

**Toshio Hayashi, Isaburo Hori, Hideo Baba, and Hiroshi Midorikawa:** Studies on Geometric Isomerism by Nuclear Magnetic Resonance. I. Stereochemistry of  $\alpha$ -Cyano- $\beta$ -alkylacrylic Esters.

Page 696. Figure 1B, structure



should be



Page 697. In Table I, "IIb" should read "IIa."

Page 698. Column 1, line 33, "of weaker intensity at 1.37 p.p.m., to that of the trans" should read "of weaker intensity at 1.24 p.p.m., to that of the cis."

**Hiroshi Tanida and Yoshiteru Hata:** The Reactions of Some 7-Chloronorbornenes with Sodium Cyanide.

Page 979. Column 1, Chart II, formula 15 should be



**Herbert M. Blatter, Halina Lukaszewski, and George de-Stevens:** The Synthesis of 1,2-Disubstituted 4-Quinazolinones and Related Thiones.

Page 1020. In line 3 of the abstract, "2-methyl-1-phenyl-4-quinazolinone (XIV)" should read "2-methyl-1-phenyl-4-quinazolinone (XIV)."

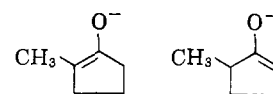
Page 1025. Column 1, insert after line 5, "Anal. Calcd. for  $\text{C}_{22}\text{H}_{22}\text{N}_2\text{O}_5$ : C, 67.96; H, 5.46; N, 6.89. Found: C, 67.93; H, 5.34; N, 6.92."

**Fred H. Greenberg:** The Structure of the Product from Reaction of the Dimedon Formaldehyde Derivative with Base and Iodine. An Example of Coupling through Five Bonds.

Page 1251. Following the last line of text, add "The structure in question was assigned prior to the above work and unknown to us by G. V. Kondrat'eva, G. A. Kogan, and S. I. Zavialov [*Izv. Akad. Nauk SSSR, Otd. Khim. Nauk*, 1441 (1962); *Bull. Acad. Sci. USSR, Div. Chem. Sci.*, 10, 1353 (1962); *Chem. Abstr.*, 58, 2379 (1963)]."

**Herbert O. House and Barry M. Trost.** The Chemistry of Carbanions. IV. The Potassium and Lithium Enolates Derived from Cyclic Ketones.

Page 1343. The formulas for the first entry in Table I have been inverted. The first entry should read



1

$\text{Ph}_3\text{CK}$ (apparent kinetic control) <sup>b</sup>	55	45
$\text{Ph}_3\text{CK}$ (equilibrium)	78	22
$\text{Ph}_3\text{CLi}$ (kinetic control)	28	72
$\text{Ph}_3\text{CLi}$ (equilibrium)	94	6

**H. A. P. de Jongh, F. J. Gerhartl, and Hans Wynberg:** Apirans. V. Synthesis of Spiro Ketones Employing Enamines.

Page 1411. Column 1, formula IIIa should be the pyrrolidine enamine rather than the cyclopentylamine structure shown.

Alex Nickon, Norman Schwartz, Joseph B. DiGiorgio, and David A. Widdowson: Reactivity and Geometry in Allylic Systems. IV. Stereochemical Factors in the Photosensitized Oxygenation of 5 $\alpha$ - and 5 $\beta$ -Cholest-3-enes.

Page 1712. Column 2, in formulas illustrated at top, numbers 5 and 6 should be interchanged.

Page 1713. At the end of footnote 24, the reference should be to footnote 2.

Page 1716. Column 1, paragraph B, line 18, "enriched in 3 $\alpha$ ,4 $\beta$ -dibromo-5 $\alpha$ -cholestane," should read "enriched in 3 $\alpha$ ,4 $\beta$ -dibromo-5 $\beta$ -cholestane."

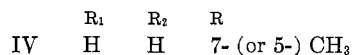
Page 1716. Column 1, paragraph entitled "Regeneration of Olefins from Dibromides. A," line 9, "After being dried over sodium and evaporated," should read "After being dried over sodium sulfate and evaporated."

Andre Rosowsky and Edward J. Modest: 2,2,4-Trimethyl-1,2-dihydroquinolines. Preparation and Nuclear Magnetic Resonance Studies.

Page 1833. First column, VIII and IX under structure at the bottom of column should read "VIII, R<sub>1</sub> = R<sub>3</sub> = H; R<sub>2</sub> = CH<sub>3</sub>," and "IX, R<sub>1</sub> = H; R<sub>2</sub> = EtO; R<sub>3</sub> = CH<sub>3</sub>."

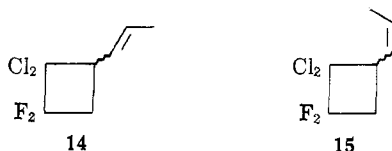
Edward J. Modest, Suprabhat Chatterjee, and Heljo Kangur Protopapa: 2,4-Diaminopyrimidines from Dicyandiamide. III. Reaction with Monocyclic Ketones.

Page 1838. First column, second structure. Legend for IV should read



Nicholas J. Turro and Paul D. Bartlett: Photosensitized Cycloaddition of Haloethylenes and 1,3-Dienes.

Page 1850. Column 2, formulas should read



Page 1851. Column 1, sixth line from bottom, "m/e 80" should read "m/e 66."

Page 1851. Column 2, paragraph 4, line 2, "C<sub>7</sub>H<sub>2</sub>Cl<sub>4</sub>" should read "C<sub>7</sub>H<sub>6</sub>Cl<sub>4</sub>."

Page 1851. Column 2, paragraph 4, line 2, "m/e 76" should read "m/e 66."

F. E. Condon and Andreas A. Zavitsas: Synthesis and Isomerization of 2,6-Dimethyl-*n*-butylbenzene.

Page 1901. Column 1, line 6, "3,5-dimethyl-*t*-butylbenzene (III)" should read "3,5-dimethyl-*sec*-butylbenzene."

Timothy F. Parsons, John D. Buckman, D. E. Pearson, and Lamar Field: Organic Disulfides and Related Substances. XIV. Aspects of the Reaction of Thiolsulfonates with Thiols.

Page 1926. Column 1, line 24, "25. ml." should read "2.5 ml."

S. Carlton Dickerman, Derek DeSouza, and Philip Wolf: Synthesis and Spectra of Di- and Polyphenylanthracenes.

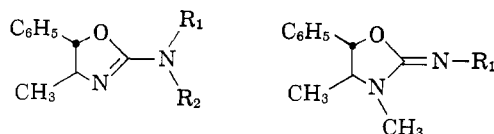
Page 1981. Line 5 of the abstract, add "or 95% ethanol" after "methylene chloride."

Page 1983. Column 2, line 21, delete "all determined in methylene chloride."

Page 1983. In Table II, the ultraviolet absorption data for 9,10-, 1,4-, 1,9-, 1,10-, 2,9-, and 2,10-diphenylanthracenes were measured in 95% ethanol, not methylene chloride as stated. The shifts in the longest wave length band should read 15, 14, 14, 15, 18, and 16 m $\mu$ , respectively. Footnote a should read "Solvent: methylene chloride or 95% ethanol." Add to footnote b "in the same solvent."

John R. Carson, George I. Poos, and Harold R. Almond, Jr.: 2-Amino-5-aryl-2-oxazolines. Tautomerism, Stereochemistry, and an Unusual Reaction.

Page 2226. The structural formulas of VI and VII should read



VIa, R<sub>1</sub>, R<sub>2</sub> = H

b, R<sub>1</sub> = H; R<sub>2</sub> = CH<sub>3</sub>

c, R<sub>1</sub>, R<sub>2</sub> = CH<sub>3</sub>

d, R<sub>1</sub> = H; R<sub>2</sub> = C<sub>6</sub>H<sub>5</sub>

e, R<sub>1</sub> = CH<sub>3</sub>; R<sub>2</sub> = C<sub>6</sub>H<sub>5</sub>

VIIa, R<sub>1</sub> = CH<sub>3</sub>

b, R<sub>2</sub> = C<sub>6</sub>H<sub>5</sub>

W. D. Crow and Nelson J. Leonard: 3-Isothiazolone-*cis*-3-Thiocyanocrylamide Equilibria.

Page 2664. Column 2, line 20, molecular formula should read C<sub>4</sub>H<sub>4</sub>N<sub>2</sub>OS.

Francis T. Williams, Jr., Pat W. K. Flanagan, William J. Taylor, and Harold Shechter: Ultraviolet Spectra of Anions of Mononitro Compounds.

Page 2674. Reinvestigation of the ultraviolet absorption of alkanenitronate anions below 220 m $\mu$  on a nitrogen-purged Beckman DK-2A reveals that the end absorption indicated in Figure 5 is due to sodium hydroxide and not the nitronate. The figure should be disregarded.

The absorption of sodium ethanenitronate centered at 229 m $\mu$  falls smoothly to about 205 m $\mu$  but more gradually than on the long wave length side. However, the  $\psi_2 \rightarrow \psi_4$  transition predicted from the calculation is not confirmed (or refuted).

Measurement of the absorption of the ethanenitronate below 210 m $\mu$  becomes increasingly unreliable because the end absorption of 0.001 N sodium hydroxide is so intense. Reducing the sodium hydroxide concentration significantly raises the possibility of incomplete conversion of nitroethane (pK = 8.5) to its anion, and nitroethane itself exhibits strong end absorption [ $\lambda_{max} \sim 202$  m $\mu$  ( $\epsilon_{202} > 5000$ )].

John E. Gordon: Fused Organic Salts. III. Chemical Stability of Molten Tetra-*n*-alkylammonium Salts. Medium Effects on Thermal R<sub>4</sub>N<sup>+</sup>X<sup>-</sup> Decomposition. RBr + I<sup>-</sup> = RI + Br<sup>-</sup> Equilibrium Constant in Fused Salt Medium.

Page 2761. Column 1, line 11, "401°" should read "140°."

James W. Patton and Marion O. Son: The Synthesis of Naphthalene-2,3-dicarboxylic Acid by the Henkel Process.

Page 2869. Column 2, conclusion 3, "The pressure of iron oxides" should read "The presence of iron oxides."

C. G. Overberger, H. Ringsdorf, and B. Avchen: Potential Antiradiation Agents. Preparation and Polymerization of S-Vinyl-N-vinylthiocarbamates.

Page 3088. Footnote 3 should read "This is the XXXth in a series of papers. . ."

Ernest L. Eliel and Jyotirmoy Roy: Reductions with Metal Hydrides. XVII. Reduction of 1,3-Thiazanes.

Page 3092. Column 2, line 13, "( $\tau$  3.2)" should read "( $\tau$  2.1)."

Page 3094. Column 1, line 48, "( $\tau$  3.21)" should read "( $\tau$  2.16)."

Norman Rabjohn and M. C. Chacon: The Reaction of Lead Tetraacetate with Carboethoxyhydrazones.

Page 3227. The bottom line of structures, column 2, should read

