

## ADDITIONS AND CORRECTIONS

NOTICE TO READERS.—For the convenience of those who wish to cut out the corrections and attach them to the margins of the articles corrected, they have been printed upon one side of the page only.

1942, Vol. 64

**Ernst Berliner.** The Mechanism of Cyclization Reactions.

Page 2898. In the first column, line 7, for "1,2,7,8-" read "3,4,5,6-" and in text line 11 from the end, for "3,4,5,6-" read "1,2,7,8-."—ERNST BERLINER.

1946, Vol. 68

**John D. Roberts and Charlotte Green.** Absorption Spectra of Some 2,4-Dinitrophenylhydrazones.

Page 214. In Table I, footnote index  $e$  should be on No. 10 instead of No. 11.—JOHN D. ROBERTS.

**Webster B. Kay.** The Vapor Pressures and Saturated Liquid and Vapor Densities of the Isomeric Hexanes.

Page 1338. In Fig. 2, the ordinates for Compounds 3, 4 and 5 should be "60, 100, 140, 180, 220."—W. B. KAY.

1948, Vol. 70

**D. J. Salley and J. B. Gray.** Heats of Combustion of Some Organic Nitrogen Compounds.

Page 2652. The authors state:

"Dr. J. D. Cox of the Chemical Research Laboratory, Teddington, Middlesex, England, has called our attention to the fact that the  $-\Delta H_R$  values for the compounds listed in Table III of the above paper are incorrect because of an error in the calculation  $\Delta nRT$ . This leads to an error in the final values for the heats of formation of the compounds. Two misprints were also found. The following table shows correct values of  $-\Delta U_R$ ,  $-\Delta H_R$ , and  $\Delta H_f$ .

## HEATS OF COMBUSTION AND FORMATION AT 25°

| Substance                   | $-\Delta U_R$ ,<br>kcal./<br>mole | $-\Delta H_R$ ,<br>kcal./<br>mole | $-\Delta H_f$ ,<br>kcal./<br>mole |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Cyanamide(s)                | 176.72                            | 176.42                            | 14.05                             |
| Dicyandiamide(s)            | 331.29                            | 330.70                            | 5.96                              |
| Melamine(s)                 | 470.87                            | 469.98                            | -17.13                            |
| 3-Cyanopyridine(s)          | 747.14                            | 747.14                            | 46.19                             |
| Phthalonitrile(s)           | 954.81                            | 954.81                            | 65.76                             |
| Dimethylol urea(s)          | 384.34                            | 384.04                            | -171.38                           |
| Diisopropyl cyanamide(1)    | 1122.81                           | 1124.29                           | -12.29                            |
| Diisopropyl carbodiimide(1) | 1130.14                           | 1131.62                           | -4.96                             |

—D. J. SALLEY

**Beat Iselin and Hermann O. L. Fischer.** Derivatives of Nitrodesoxyinositols.

Page 3947. In col. 1, line 32, for "Diacetone-nitrodesoxyinositol II" read "Diacetone-aminodesoxyinositol II"; in line 35, for "nitro group" read "amino group."—BEAT ISELIN.

1949, Vol. 71

**Nelson J. Leonard and William C. Wildman.** Rearrangement of  $\alpha$ -Aminoketones During Clemmensen Reduction. I. Bicyclic Compounds Containing a Bridge-head Nitrogen.

Page 3093. In col. 2, lines 5 and 6, should read "Anal. Calcd. for  $C_{25}H_{35}N_2O_8$ : C, 61.64; H, 7.56; N, 5.53."—NELSON J. LEONARD.

**Carl T. Bahner and Harvey T. Kite.** Polynitro Paraffins.

Page 3597. In col. 2, lines 9 and 12 from end, and page 3958, col. 1, line 19, text line 3 from end, and col. 2, line 9, "3,5-dinitro-3-methylhexane" should read "2-methyl-2,4-dinitrohexane."—CARL T. BAHNER.

**John P. Phillips and Lynne L. Merritt, Jr.** Comparative Properties of Some Methyl Substituted 8-Quinolins.

Page 3986. In the last line of Table III, for "Cd<sup>+</sup>" read "Cu<sup>+</sup>."—J. P. PHILLIPS.

1950, Vol. 72

**Charles C. Price and Jack Zomlefer.** Monomer Reactivity Factors for Methyl Vinyl Sulfide and Sulfone. Some Comments on Covalent Sulfur Bonding.

Page 17. In footnote (15) "+3.94" should read "+2.94" (two places), "60 kcal./mole" should read "45.5 kcal./mole" and "25 kcal./mole" should read "12 kcal./mole."—CHARLES C. PRICE.

**Denham Harman and William E. Vaughan.** Sulfur-Containing Heterocyclic Rings.

Page 632. In col. 2, line 3, for " $n^{20D}$  1.5882" read " $n^{20D}$  1.5088."—WILLIAM E. VAUGHAN.

**J. B. Patrick and B. Witkop.** Rearrangements and Revisions in the Tetrahydrocarbazole Series.

Page 633. In line 26, for " $C_{24}H_{18}N_2$ " read " $C_{24}H_{22}N_2$ ."—BERNHARD WITKOP.

**T. H. Norris.** The Exchange Reaction of Sulfur Dioxide with Concentrated Sulfuric Acid.

Page 1222. In Table I, in the headings for Cols. 4 and 5, for "min." read "hr."—T. H. NORRIS.

**David P. Shoemaker, Jerry Donohue, Verner Schomaker and Robert B. Corey.** The Crystal Structure of L-Threonine.

Pages 2339 and 2340. In footnote (32a) in the three places where it appears (col. 2 of page 2339, lines 9 and 12 from the bottom, and col. 1 of page 2340, line 18 from the bottom) for " $2\sqrt{2}/\pi$ " read " $2\sqrt{2}/\pi$ ."—DAVID P. SHOEMAKER.

**William S. Johnson, A. Russell Jones and William P. Schneider.** The Stobbe Condensation with Ethyl Anisoylbutyrate. A New Route to Some Estrone Derivatives.

Page 2398. In col. 1, line 3, for "50 ml." read "150 ml."—WILLIAM S. JOHNSON.

**Elliot R. Alexander and Robert E. Burge, Jr.** The Hypophosphorous Acid Deamination of Diazonium Salts in Deuterium Oxide.

Page 3101. Four lines above Table II, for "138-144°" read "158-160°."—ROBERT E. BURGE, JR.

**Elliot R. Alexander and Anton Mudrak.** Studies on the Mechanism of Chugaev and Acetate Thermal Decompositions. II. *cis*- and *trans*-2-Methyl-1-tetralol.

Page 3195. In col. 2, line 18, for " $n^{20D}$  1.5447" read " $n^{20D}$  1.5547."—ANTON MUDRAK.

**Domenick Papa, Erwin Schwenk, Frank Villani and Erwin Klingsberg.** The Analgesic Activity of N,N-Dialkyl Amides.

Page 3886. In Table I, col. 1, for " $i-C_3H_7C_6H_4$ " read " $4-i-C_3H_7C_6H_4$ ," for " $C_6H_9$ " read " $\Delta^1$ -cyclohexenyl," for " $C_6H_4N$ " read " $2-C_6H_4N$ " and for " $C_4H_5O$ " read " $2-C_4H_5O$ ."—DOMENICK PAPA.