ADDITIONS AND CORRECTIONS

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

1921, VOL. 43

J. M. Nelson and David I. Hitchcock. **Uniformity in Invertase Action.**

Page 2636. In equation (11), the coefficient of the last term should be "0.00002304 instead of 0.00002034."—DAVID I. HITCHCOCK.

1935, VOL. 57

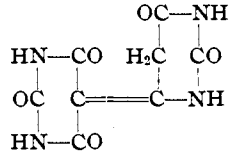
David E. Adelson and C. B. Pollard. **Derivatives of Piperazine. IV. Reactions with Derivatives of Monochloroacetic Acid.**

Page 1280. In column 1 the fourth line from the end should read ". . . by dehydration of piperazino-1,4-bis-(ethanamide) by means of acetic anhydride. It . . ."—DAVID E. ADELSON.

1936, VOL. 58

Rollin D. Hotchkiss and Treat B. Johnson. **Researches on Pyrimidines. CLI. The Constitution of Dibarbituric Acid.**

Page 525. In column 2 the structural formula for compound IV should be



.—ROLLIN D. HOTCHKISS.

David I. Hitchcock. **A Measure of Acidity Obtained from the Electromotive Force of a Cell without Liquid Junction.**

Page 856. In col. 1, line 4, from end, omit words "and in blood Serum,[6]" and also footnote 6.

In column 2, at the end of the article, add: "Credit should be given to E. A. Guggenheim, *J. Phys. Chem.*, **34**, 1758 (1930), for his prior publication of the idea that useful measures of acidity might be obtained from these types of cells without liquid junction."—DAVID I. HITCHCOCK.

Frank Hovorka, Ralph A. Schaefer and Dale Dreisbach. **The System Dioxane and Water.**

Page 2265. The authors write: "We wish to correct errors in our calculated partial pressures of the dioxane and water system. The corrected values are tabulated:

Dioxane mole fr.	Partial pressure at 25° Dioxane	Water
0.000	0.00	23.8
.100	14.4	22.6
.200	21.4	21.5
.300	25.4	20.4
.400	27.8	19.5
.500	29.3	18.4
.600	30.4	17.3
.700	31.6	16.1
.800	33.1	14.4
.900	34.7	10.5
1.000	36.9	0.0

We are indebted to Prof. George Scatchard of Massachusetts Institute of Technology and to Prof. C. A. Kraus of Brown University for calling our attention to the error."—FRANK HOVORKA, RALPH A. SCHAEFER, DALE A. DREISBACH.

John O. Percival and Victor K. La Mer. **Temperature Dependence of the Energy of Activation in the Rearrangement of N-Chloroacetanilide.**

Page 2415. In Table I the value for Δk should be $\pm 0.16\%$ instead of $\pm$ 16%.—VICTOR K. LA MER.

1937, VOL. 59

Charles D. Hurd and Louis Schmerling. **Alkenyl Derivatives of Fluorescein.**

Page 114. In lines 33–34 of column 2 the compound's name should be fluorescin dichloride.—CHARLES D. HURD.

C. R. Noller and M. D. Girvin. **The Synthesis of Unsaturated Fatty Acids. II. Linoleic and 11-*n*-Amyl-9,12-tridecadienoic Acids.**

Page 606. Column 1, lines 9 and 2 from the end, for "-bromooctadecene-" read "-bromooctene-."

Page 607. Column 1, lines 4 and 35, same corrections.—C. R. NOLLER.

Howard Irving Cole and Humberto Cardoso. **Hydnocarpic and Chaulmoogric Acids and Ethyl Esters.**

Page 964. In Table II, the boiling points of the ethyl esters should be 200 and 222° instead of the values given.—HOWARD I. COLE.

Dudley Williams and Lewis H. Rogers. **The Infrared Absorption Spectrum of Vitamin C.**

Page 1422. In the table of frequencies in column 2, the fourth bond should be C=O instead of C—O.—LEWIS H. ROGERS.