3- and 5-Substituted 1-β-D-Ribofuranosyl-1,2,4-triazoles [*J. Amer. Chem.*, **94,** 5894 (1972)]. By GEORGE P. KREISHMAN, JOSEPH T. WITKOWSKI, ROLAND K. ROBINS, and MARTIN P. SCHWEIZER,* ICN Nucleic Acid Research Institute, Irvine, California 92664.

In footnote *d* of Table I, β should be given as −2 ppm.

Mechanisms of Chemiluminescent Electron-Transfer Reactions. IV, V, and VI [*J. Amer. Chem. Soc.*, **94,** 6317, 6324, 6331 (1972)]. By RICHARD BEZMAN and LARRY R. FAULKNER,* Coolidge Chemical Laboratory, Harvard University, Cambridge, Massachusetts 02138.

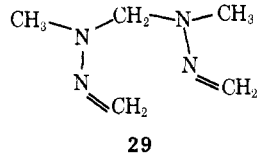
We have recently discovered an error in our calibration of the photometric system used in the work reported in the three papers listed above. Instead of the previously reported value of 6.46×10^{10} photons/sec-μA, the system's true sensitivity is 3.48×10^{11} photons/sec-μA. This discovery requires upward revision in some of the data at hand. All emission efficiencies, ϕ_{ecl}, all values of α and β, and all estimates of triplet yields, ϕ_t, should be multiplied by 5.4. Estimates of fractional triplet participation in triplet–triplet annihilation and the suggested equilibrium constant for 10-MP dimer cation formation are unchanged. Fortunately, none of the basic mechanistic conclusions are vitiated by this revision, and some are actually reinforced.

Stable Uranium(IV) Alkyl and Aryl Complexes [*J. Amer. Chem. Soc.*, **94,** 6545 (1972)]. By TOBIN J. MARKS* and AFIF M. SEYAM, Department of Chemistry, Northwestern University, Evanston, Illinois 60201

On page 6546, line 18 of column 1 should begin: "half-lives of 2–96 hr at 72° . . . ."

Electrochemical Oxidation of Tetraalkylhydrazines. Effects of Hydrazine and Hydrazine Radical Cation Geometry [*J. Amer. Chem. Soc.*, **94,** 7108 (1972)]. By S. F. NELSEN* and P. J. HINTZ, Department of Chemistry, University of Wisconsin, Madison, Wisconsin 53706.

Structure **29,** supposed by us to be *endo*-methylene-1,4-dimethylhexahydro-1,2,4,5-tetrazine, is undoubtedly incorrect; we actually had the isomer methylenebis(*N*-methyl-*N'*-methylenehydrazine), as given below.



29

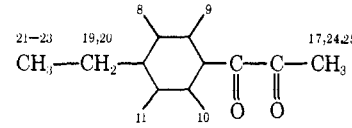
Our data check well with that of the literature [E. Schmitz and R. Ohme, *Monatsber. Deut. Akad. Wiss., Berlin*, **6,** 425 (1964); Dr. Hammerum has determined the nmr spectrum of authentic **29,** and it checks well with ours, as well as with other formaldehyde hydrazones: S. Hammerum, *Tetrahedron Lett.*, 949 (1972)]. We thank Dr. Steen Hammerum for pointing out our error. It is not surprising, then, that **29** gives an irreversable oxidation wave, since it is not a tetraalkylhydrazine after all.

A Kinetic Investigation of Some Electronic and Steric Factors in Oxidative Addition Reactions to Vaska's Compound [*J. Amer. Chem. Soc.*, **94,** 7364 (1972)]. By R. UGO,* A. PASINI, A. FUSI, and S. CENINI, Istituto di Chimica Generale ed Inorganica, C.N.R. Centre, Milan University, Milan, Italy.

In Table III, the first seven entries in the Z column should read OCH_3 rather than CH_3.

Electron Spin Resonance Study of Air Oxidation of *p*-Alkyl-Substituted Phenones in Hexamethylphosphoramide. Orientation of Carbanion Formation. Extension to the Oxidation of Aromatic Cyano, Nitro, and Aldehydo Compounds [*J. Amer. Chem. Soc.*, **94,** 7520 (1972)]. By JACQUES-EMILE DUBOIS* and GUY DODIN, Laboratoire de Chimie Organique Physique de l'Université Paris VII, associe au Centre national de la Recherche Scientifique, Paris, France.

The fourth structure in Chart I is incorrect. The correct structure is given below.



On page 7525, in line 9 of column 2 "increase" should read "decrease."

A Direct Method for Determining Light Intensity Dependent Rates. Triplet–Triplet Annihilation in Benzophenone [*J. Amer. Chem. Soc.*, **94,** 8584 (1972)]. By RONALD E. BROWN, LAWRENCE A. SINGER,* Department of Chemistry, and JOEL H. PARKS, Department of Physics and Electrical Engineering, University of Southern California, Los Angeles, California 90007.

On page 8584, line 25 of column 2 should read: "and α is a constant, which follows from the rate equation for singlet population and the intersystem crossing efficiency, $S_1 \rightarrow T_1$, and thereby converts $I(0,0)$ into units of triplet concentration." Equation 6 should read

$$n(t) \equiv \int_0^l n(t,x)\mathrm{d}x = [\alpha I(0,0)e^{-k_1 t}(1 - e^{-\beta l})]/\beta$$

On page 8585, line 7 of column 1 should read: "where S is the cross-sectional area of the irradiated volume." In eq 14, the differential "dt" was omitted. Equation 24 should read:

$$f(x) = I_\nu/I_\nu(0) = \{\ln [1 + \Delta(1 - e^{-x})]\}[\Delta(e^x - 1)]^{-1}$$

In footnote 6, line 11, replace X with x. The abscissa in Figure 1 should read "Exponential Factor $k_1 t = x$."

These corrections have no effect on the results or conclusions.

A Novel Photochemical Rearrangement of Aryl-6,7-dioxabicyclo[3.2.2]nona-3,8-dien-2-one into Tricyclic Lactone [*J. Amer. Chem. Soc.*, **94,** 9280 (1972)]. By T. TEZUKA,* R. MIYAMOTO, T. MUKAI, C. KABUTO, and Y. KITAHARA, Department of Chemistry, Faculty of Science, Tohoku University, Sendai, Japan.