

The following addition should be made to Table III.

Product model	f_P	Reactant model				
		R ₁	R ₂	R ₃	R ₄	R ₅
		f_R				
		1.1708	1.1741	1.1808	1.1841	1.2121
P6	1.1734	0.9978	1.0006	1.0091	1.0091	1.0330
P7	1.1831	<i>0.9896</i>	0.9924	0.9980	1.0008	1.0245
P8	1.1982	<i>0.9771</i>	<i>0.9799</i>	0.9855	0.9882	1.0116
P9	1.2082	0.9690	0.9718	<i>0.9773</i>	<i>0.9800</i>	1.0032

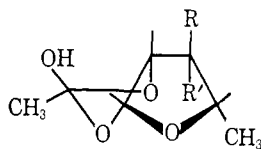
In addition, the entry for P4-R3 should be italicized.—R. E. WESTON, JR.

Patricia S. Traylor and F. H. Westheimer: Mechanisms in the Hydrolysis of Phosphorodiamidic Chlorides.

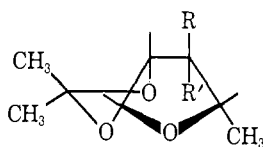
Page 559. The heading of the first column of Table V should read: in H₂O⁺.—F. H. WESTHEIMER.

John R. Dyer, W. E. McGonigal, and K. C. Rice: Streptomycin. II. Streptose.

Page 654.



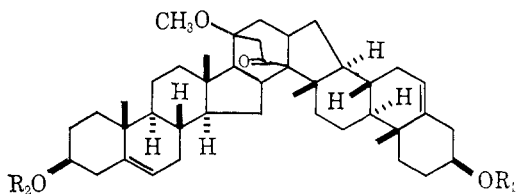
should be



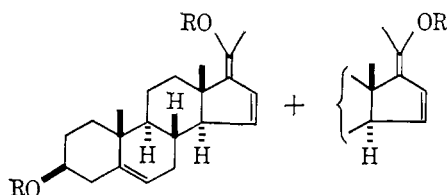
JOHN R. DYER.

S. A. Latt, H. T. Cheung, and E. R. Blout: Energy Transfer. A System with Relatively Fixed Donor-Acceptor Separation.

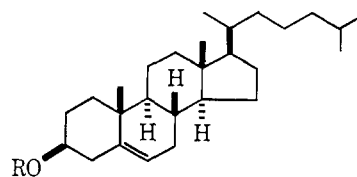
Page 997. Structures XIb, XIIb, XIII, XV, XVI, and XVII should be as shown below.



XIb, R₁ = *p*-methoxyphenylacetyl; R₂ = 1-naphthoyl
XIIb, R₁ = 1-naphthoyl; R₂ = anthracene-9-carbonyl

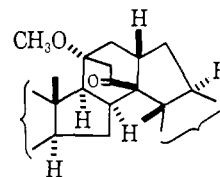


XIII, R = *p*-methoxyphenylacetyl



XV, R = *p*-methoxyphenylacetyl
XVI, R = 1-naphthoyl
XVII, R = anthracene-9-carbonyl

Page 1002. Structure XVIII should be as shown below.



XVIII

E. R. BLOUT.

Ernest Wenkert and Börje Wickberg. General Methods of Synthesis of Indole Alkaloids. IV. A Synthesis of *dl*-Eburnamonine.

Page 1583. In column 1, line 10, alkalids should read alkaloids. In footnote 24 anhydroxymethylene should read a hydroxymethylene. In Chart III the indole ring of the formula under XVII should possess a radical cation sign of plus, dot instead of the minus sign shown, while the same ring in the formula under XVIII should have a plus instead of minus sign.—ERNEST WENKERT.

Myron L. Bender and James K. Stoops: Titration of the Active Sites of Acetylcholinesterase.

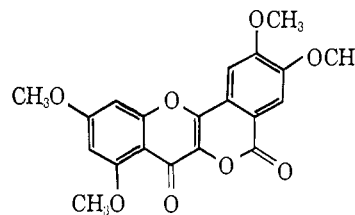
Page 1622. Equation 2 should read

$$N = \frac{F(A_1 - A_2) + A_3 - A_4 - A_5}{4.0 \times 10^3}$$

In the last paragraph, second sentence, *directly* proportional should be substituted for *inversely* proportional.—MYRON L. BENDER.

Anthony C. Waiss, Jr., and Joseph Corse: Photooxidative Cyclization of Quercetin Pentamethyl Ether.

Page 2068. Structure V should be



ANTHONY C. WAISS, JR.

Neville Finch, C. W. Gemenden, Iva Hsiu-Chu Hsu, Ann Kerr, G. A. Sim, and W. I. Taylor: Oxidative Transformations of Indole Alkaloids. III. Pseudoindoxyls from Yohimbinoindole Alkaloids and Their Conversion to "Invert" Alkaloids.

Page 2232 ff. In the recorded data for the optical rotatory dispersion curves [α] read [ϕ].

Page 2232. In column 2, line 9, [α]₂₈₆ -2850 (inflection), [α]₂₇₂ -2150 (inflection) should read [ϕ]₂₈₆₋₂₇₂ -2850 to -2150 (inflection).

Page 2235. In column 2, lines 16 and 17, -6450 and -47,000 should read +6450 and +47,000.—WILLIAM I. TAYLOR.

Dwight R. Robinson and William P. Jencks: The Effect of Concentrated Salt Solutions on the Activity Coefficient of Acetyltetraglycine Ethyl Ester.

Page 2478. In Table VIII, the third ion listed should be Cl₃-CCOO⁻, not (CH₃)₃CCOO⁻.—WILLIAM P. JENCKS.

B. J. Herold, A. F. Neiva Correia, and J. dos Santos Velga: Electron Paramagnetic Resonance Studies on Chelation of Alkali Cations by the *o*-Dimesitylbenzene Radical Anion.

Page 2661. In the Contribution, the letters rg were omitted from the word *Orgánica*.

Page 2664. Footnote *a* of Table II should merely read Ref. 23.—B. J. HEROLD.

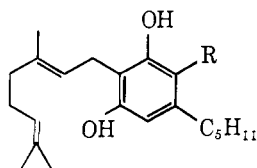
D. H. Volman, K. A. Maas, and J. Wolstenholme: Photochemical Formation of Free Radicals from Olefinic and Acetylenic Compounds in the Frozen State as Studied by Electron Spin Resonance.

Page 3041. Column 2, line 36, dichloropropane should read dichloropropene.

Page 3042. The top formula in Figure 2 should be $\text{CH}\equiv\text{CCH}_2\text{OH}$ instead of $\text{CH}_2=\text{CHCH}_2\text{OH}$.—D. H. VOLMAN.

R. Mechoulam and Y. Gaoni: A Total Synthesis of *dl*- Δ^1 -Tetrahydrocannabinol, the Active Constituent of Hashish.

Page 3274. In column 2, line 7, Ib *cis* should be Ic *cis*. Structure III should be



R. MECHOULAM.

Volker Jaacks and Frank R. Mayo: Liquid-Phase and Vapor-Phase Reactions of Ethylene with Carbon Tetrachloride.

Page 3372. The direction of the arrow for reaction 2 in Chart I should be reversed.

Page 3379. In the section on Intramolecular Hydrogen Transfer and Chain Branching in Polyethylene, the first and third paragraphs

should be replaced, respectively, by the two paragraphs below. The second paragraph needs no change.

This section shows that our evaluation of k_2/k_p at about 1 atm. agrees satisfactorily with reported¹⁸ chain branching in the polymerization of ethylene at 1000 atm. This relation depends on an estimate of the effect of pressure on rate constants.

Woodbrey and Ehrlich¹⁸ found that polyethylene prepared under these conditions contained 2.0 methyl groups per 100 ethylene units. Since many ethyl groups as well as butyl groups have been observed by infrared¹⁸ in such high polymers, and since still other types of rearrangement may occur (especially abstraction of tertiary hydrogen at previous branching points), our findings are consistent with respect to simple intramolecular transfers of 5-hydrogen atoms.—FRANK R. MAYO.

Ryohei Nakane, Akiko Natubori, and Osamu Kurihara: Intermediate Complex of Boron Fluoride Catalyzed Alkylation.

Page 3597. IV in the sixth line of the abstract should be III.—RYOHEI NAKANE.

J. C. Little: Possible Evidence for a Two-Step Diels-Alder Reaction.

Page 4021. In line 20 of the second column, τ 7.29 should read τ 7.92.—J. C. LITTLE.

Marvin L. Poutsma: Chlorination Studies of Unsaturated Materials in Nonpolar Media. IV. The Ionic Pathway for Alkylated Ethylenes. Products and Relative Reactivities.

Page 4288. In Table V, the entry in the ninth row and last column should read <0.94 rather than 0.94.—MARVIN L. POUTSMA.

Edgar W. Garbisch, Jr.: Cyclohex-2-ene-1,4-dione.

Page 4971. In ref. 1, G. R. Yoke should be G. R. Yohe.—G. R. YOHE.