conclusion that the amide rotation barriers for 3-piperidones are "significantly greater" than those in any of the other piperidides with the same acyl group is therefore erroneous.

In Table II, correct $\Delta G_c^{\ddagger}$ are, respectively, 14.7, 14.7, 14.7, 14.7, 14.7, and 14.8 kcal/mol (including some minor changes in peak assignments recently communicated to me by Professor Szarek). The barrier height for 1-benzoylmorpholine calculated from Szarek's data is therefore in good agreement with those previously reported.

Eric Garfunkel and I. David Reingold.* A New, Simple Synthesis of Tropone.

Page 3725. We call attention to a patent [Japan 11,122 (1962); *Chem. Abstr.*, **59**, 10012*b* (1963)] which includes information closely related to that described in our paper. We regret the oversight.

M. N. Paddon-Row,* H. K. Patney, and R. N. Warrener. Orbital Interactions. 5. Through Space Effects of Substituents on the Reactivity of a Double Bond towards Diels–Alder and Epoxidation Reactions.

Page 3912. Column 1. The third paragraph should read as follows: "That the substituent effects are transmitted through space and not inductively through bonds is supported by the observations that whereas **17a**, **17f** and **18** have similar E_a values, the E_a values of **17e** and **17c** are significantly different from that of **17a**".

Page 3915. Column 2. The ^{1}H NMR data of **17d** should be replaced by the following: ^{1}H NMR (CCl_4) δ 0.92–1.88 (8 H, m, H_1, H_2, H_3, H_4), 2.04 (OH, d, J = 12.2 Hz, D_2O exchange), 2.28 (2 H, irregular heptet, J = 1.5 Hz, H_5, H_8), 2.98 (2 H, m, H_{4a}, H_{8a}), 3.40 (1 H, d, J = 12.2 Hz, H_{9an}), 6.17 (2 H, t, J = 2.0 Hz, H_6, H_7).

J. V. Silverton,* Michelle Ziffer, and Herman Ziffer.* Structure and Stereochemistry of Condensation Products from 1-Morpholino-1-cycloheptene and Methyl Vinyl Ketone.

Page 3959. A reference to the preparation by a different route of compound **7**, *trans*-7-hydroxybicyclo[5.4.0]undecan-9-one (V. Dave and J. S. Whitehurst, *J. Chem. Soc., Perkin Trans. 1*, 393 (1973)), was missed. We regret the omission.

Leo A. Paquette* and Yeun-Kwei Han. Stereospecific Total Synthesis of (±)-Isocomene (Berkheyaradulene).

Page 4015. Column 2, line 6. The chemical shift for the second methyl group in ketone **8** should be δ 1.17 and not δ 1.27.

Henry J. Shine,* A. Gregory Padilla, and Shi-Ming Wu. Ion Radicals. 45. Reactions of Zinc Tetraphenylporphyrin Cation Radical Perchlorate with Nucleophiles.

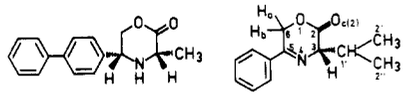
Page 4070. Column 2. Under the metalloporphyrin structure for **3**, R = $Sb(C_6H_5)_3^+$, ClO_4^-, should read **3**, R = $As(C_6H_5)_3^+$, ClO_4^-.

R. A. Bartsch,* D. K. Roberts, and B. R. Cho. Orientation in Base-Promoted 1,2-Elimination Reactions. Nitrogen and Carbon Bases.

Page 4106. Figure 3: replace system numbers 50, 53–58 with 42, 45–50, respectively. Figure 4: replace system numbers 42, 44, 46, 48 with 51, 53, 55, 57, respectively.

Milan Sikirica, Ivan Vicković, Vesna Čaplar, Alesandro Sega, Adriana Lisini, Franjo Kajež, and Vitomir Šunjić.* Configuration and Crystal Structure of (3*S*,5*R*)-3-Methyl-5-(4′-biphenylyl)-2,3,5,6-tetrahydro-1,4-oxazin-2-one. Conformation in Solution of a 4,5-Dehydro Analogue.

Page 4423. Replace structures **1** and **2** with the following:



1 **2**

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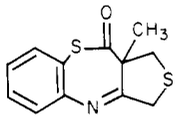
Silvia Bradamante and Giorgio A. Pagani.* Substituent Effect Treatment of Interactions between Contiguous Functionalities G–X. Remote Response to Polar and Inductive Influence of X on G = $C(sp^3)$ and –N<.

Page 106. Columns 3 (σ_I) and 5 (σ_{IB}) for entries 3 through 17 should be interchanged.

Jeffery B. Press,* Nancy H. Eudy, and Sidney R. Safir. Thiophene Systems. 3. Synthesis of Thieno[3,4-*b*][1,5]benzoxazepin-10-one and Thieno[3,4-*b*][1,5]benzothiazepin-10-one.

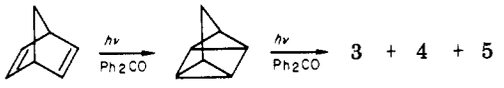
Page 498. A double bond is omitted in structure **9**. The correct structure is as follows:



9

Edward A. Fehnel* and Frances C. Brokaw. Photocycloaddition Reactions of Norbornadiene and Quadricyclane with *p*-Benzoquinone.

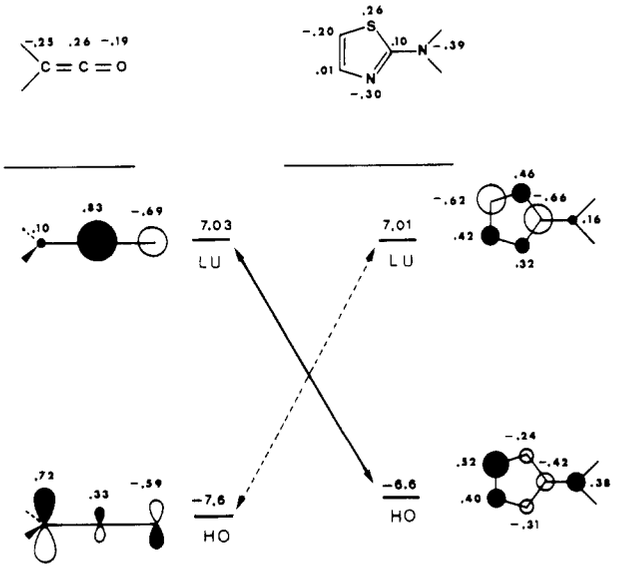
Page 578. Column 2. The diagrammed reaction sequence should read as follows:



1 **6**

Alessandro Dondoni,* Alessandro Medici, Clara Venturoli, Luciano Forlani, and Valerio Bertolasi. Cycloadditions with Heterocycles. Reactions of *tert*-Butylcyanoketene with 2-(Dimethylamino)thiazoles.

Page 624. Figure 3 should be replaced by the following:



Darshan Ranganathan,* C. Bhushan Rao, Subramania Ranganathan, Ashok K. Mehrotra, and Radha Iyengar. Nitroethylene: A Stable, Clean and Reactive Agent for Organic Synthesis.

Page 1188. Footnote 18. The utility of 2-chloro-1,3-dithiane as a formyl cation equivalent has been explored by several groups, which we unfortunately overlooked: (a) K. Arai, H. Iwamura, and M. Oki, *Bull. Chem. Soc. Jpn.*, **48**, 3319 (1975); (b) K. Arai and M. Oki, *ibid.*, **49**, 553 (1976); (c) C. G. Kruse, N. L. J. M. Broekhof, A. Wijsman, and A. van der Gen, *Tetrahedron Lett.*, 885 (1977); (d) E. C. Taylor and J. L. LaMattina, *ibid.*, 2077 (1977); (e) C. G. Kruse, A. Wijsman, and A. van der Gen, *J. Org. Chem.*, **44**, 1847 (1979).

Arthur G. Anderson, Jr.,* Gary M. Masada, and Glenn L. Kao. Electrophilic Trifluoracetylation of Dicyclopenta[*ef,kl*]-heptalene (Azupyrene).

Page 1313. Column 1, line 31. In the NMR spectra for **2** the assignments for H-8 and H-10 should be reversed, and the text should read "... and H-10 shielded less than H-8".

Peter Beak,* Johnny B. Covington, Stanley G. Smith, J. Matthew White, and John M. Zeigler. Displacement of Protomeric Equilibria by Self-Asociation: Hydroxypyridine–Pyridone and Mercaptopyridine–Thiopyridone Isomer Pairs.

Page 1357. Column 2, lines 7 and 8 should read "the values for K_T and $K_{assoc,NH}$ of 0.6 ± 0.2 and (5.3 ± 1.0) × 10^2".

D. H. Hua, N. J. Peacock, and C. Y. Meyers.* Synthesis of a Sulfone α-Tosylate. Benzyl (Tosyloxy)methyl Sulfone.

Page 1717. Change ref 4 to read as follows: (4) However, several sulfone α-sulfonates *bearing no α'-H* have been reported: Engberts, J. B. F. N.; Zwanenburg, B. *Tetrahedron Lett.* **1967**, 831–6; Bruggink, A.; Zwanenburg, B.; Engberts, J. B. F. N. *Tetrahedron* **1970**, *26*, 4995–5006; Hovius, K.; Engberts, J. B. F. N. *Tetrahedron Lett.* **1972**, 2477–80; Abramovitch, R. A.; Alexanian, V.; Smith, E. M. *J. Chem. Soc., Chem. Commun.* **1972**, 893–4; Graafland, T.; Engberts, J. B. F. N.; Weringa, W. D. *Org. Mass Spectrom.* **1975**, *10*, 33–7; Abramovitch, R. A.; Alexanian, V. *J. Org. Chem.* **1976**, *41*, 2144–8; Holterman, H. A. J.; Engberts, J. B. F. N. *Ibid.* **1977**, *42*, 2792–4; Holterman, H. A. J.; Engberts, J. B. F. N. *J. Phys. Chem.* **1979**, *83*, 443–6.

Kolazi S. Narayanan and K. Darrell Berlin.* Novel Synthesis of ω-(Diphenylphosphinyl)alkylcarboxylic Acids from Triphenyl-ω-carboxyalkylphosphonium Salts.

Page 2240. Column 2, line 12 from bottom: "... known[1,7]" should be "... known[6,7]".

Page 2241. Table I, column 1, 3rd and 4th line: Superscript *b* should not be on [1c*b*] but rather on [1d*b*].

Page 2241. Table II, footnote, 2nd line: "the acid proton in **2a**" should read "the acid proton **2b**".

Aryeh A. Frimer* and Abraham Antebi. Photooxidation of Strained Olefins. 4. Cyclopropenes.

Page 2335. Column 1. Diagram below line 3. The compound numbers **2** and **3** have been erroneously interchanged.

Page 2339. Column 1. Line 19 should read: "olefin **5c** was prepared from compound **5a** ...".

Page 2339. Column 2. Following line 29. The spectral data of compound **14** were inadvertently deleted and are as follows. **14**: ^{1}H NMR (CCl_4) δ 5.86 (1 H, s, C_1-$H_{(a)}$), 5.6 (1 H, s, C_1-$H_{(b)}$), 2.56 (2 H, t, J = 4 Hz, C_4), 2.19 (2 H, q, J = 7 Hz, C_8), 1.4 (4 H, m, C_5 and C_6), 1.05 (3 H, t, J = 6 Hz, C_7), 1.02 (3 H, t, J = 7 Hz, C_9); IR (neat) 3080 (w), 2960 (s), 2925 (s), 2870 (s), 1670 (s), 1620 (s), 1455 (m), 1410 (m), 1370 (m), 1250 (m), 1115 (m), 1065 (m), 1025 (m), 985 (w), 925 (s), 780 (w) cm^{-1}; mass spectrum (70 eV), *m/e* 140 (M^+), 125, 111, 99, 83, 58, 57, 55, 43.

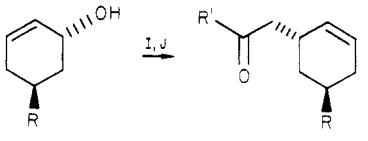
Auke G. Talma, J. G. M. Goorhuis, and Richard M. Kellogg.* Synthesis and Reactions of a 3,4-Dimethylenethiolane Derivative.

Page 2546. Column 1, line 13 from the bottom should read "Anal. Calcd for $C_{14}H_{22}N_2O_6S$: C, 48.5; H, 6.4; N, 8.1; S, 9.3".

Page 2546. Column 1, line 11 from the bottom: delete "Attempts to improve the elemental analysis failed."

William E. Fristad, Thomas R. Bailey, and Leo A. Paquette.* Silanes in Organic Synthesis. 9. Enesilylation as a Method for 1,2-Carbonyl Migration within Ketones and for Conversion to 1,2-Transposed Allylic Alcohols.

Page 3033. Column 2. In Figure 1, a methylene group was inadvertently omitted in the product of the I,J conversion. The equation should read as follows:



Page 3033. Column 2. The references to the reagents used do not appear in footnote 46, as stated, but were misplaced. The proper references are cited below: (46) (a) Fieser, L. F.; Fieser, M. "Reagents for Organic Synthesis"; John Wiley and Sons, Inc.: New York, 1967; Vol. 1, pp 637ff. (b) Santelli, M.; Viala, J. *Tetrahedron Lett.* **1977**, 4397. (c) Magid, R. M.; Fruchey, O. S.; Johnson, W. L. *Ibid.* **1977**, 2999. Magid, R. M.; Fruchey, O. S. *J. Am. Chem. Soc.* **1977**, *99*, 8368. (d) Simmons, H. E.; Cairns, T. L.; Vladuchick, S. A.; Hoiness, C. M. *Org. React.* **1973**, *20*, 1. (e) Overman, L. E.; Campbell, C. B. *J. Org. Chem.* **1974**, *39*, 1474. (f) Tanigawa, Y.; Kamamura, H.; Sonoda, A.; Murahashi, S. *J. Am. Chem. Soc.* **1977**, *99*, 2361. (g) Still, W. C.; Schneider, M. J. *Ibid.* **1977**, *99*, 948. (h) Evans, D. A.; Andrews, G. C. *Acc. Chem. Res.* **1974**, *7*, 147 and references contained therein. (i) Büchi, G.; Cushman, M.; Wüest, H. *J. Am. Chem. Soc.* **1974**, *96*, 5563. (j) Whitesell, J. K.; Helbling, A. M. *J. Chem. Soc., Chem. Commun.* **1977**, 594.