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<i>Order and Disorder in Pure Liquids and Solutions:</i> PROFESSOR JOEL H. HILDEBRAND	1	PROFESSOR HERBERT M. EVANS and OTHERS. <i>The Causative Agent of Infectious Equine Encephalomyelitis in Venezuela:</i> VLADIMIR KUBES and FRANCISCO A. RIOS	18
<i>Obituary:</i> <i>David Todd:</i> PROFESSOR ROBERT H. BAKER. <i>Recent Deaths</i>	8	<i>Scientific Apparatus and Laboratory Methods:</i> <i>A Method for Studying Living Mosquito Larvae and Other Small Aquatic Invertebrates:</i> CARROLL M. WILLIAMS. <i>A Practical Operating Stand:</i> DR. CHARLES S. APGAR, JR.	21
<i>Scientific Events:</i> <i>Exchange of Visits between the Royal Society and the Kaiser Wilhelm Gesellschaft; Survey of the Geology of the Central Andes in Peru; The Magellanic Expedition of the Field Museum; A Fisheries Biological Laboratory on the Gulf Coast; Awards of the American Geographical Society</i>	9	<i>Science News</i>	10
<i>Scientific Notes and News</i>	12	<i>Index to Volume LXXXIX</i>	i
<i>Discussion:</i> <i>Factors Influencing Tree Destruction during the New England Hurricane:</i> DR. STANLEY W. BROMLEY. <i>The Point of Origin of the Blossom-Inducing Stimulus:</i> PROFESSOR R. H. ROBERTS and B. ESTHER STRUCKMEYER. <i>On Deslothing the Sloth:</i> PROFESSOR S. W. BRITTON and R. F. KLINE	15		
<i>Scientific Books:</i> <i>Physiology:</i> DR. ALEXANDER FORBES	17		
<i>Special Articles:</i> <i>Mice as Carriers of Pathogenic Pleuropneumonia-like Microorganisms:</i> DR. ALBERT B. SABIN. <i>The Preparation of Pituitary Growth Hormones Free from Lactogenic and Thyrotropic Hormones:</i> PRO-			

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ORDER AND DISORDER IN PURE LIQUIDS AND SOLUTIONS¹

By Professor JOEL H. HILDEBRAND

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THE only fault I can find with an occasion such as this is its effect upon my character; I shall doubtless emerge shorn of every shred of modesty I may have possessed on arrival. You will hardly expect me, however, not to feel, and therefore to express, several sources of satisfaction. I am, of course, greatly honored, not only by the action of the Jury of Award, but also by the presence this evening of so many fellow chemists, former students and old friends. Again, my heart is warmed by the kind things that have been said of me by Dr. Harned and Dr. Eyring. Harned was my first research student, and we did together the first work published in this country on the use of the

hydrogen electrode to follow the course of a chemical reaction. I can claim only this credit for his subsequent notable scientific career that I did not spoil his natural instinct for research. As for Eyring, I claim a little credit for having helped to create the bracing atmosphere which he breathed as a graduate student in Berkeley and much more credit for having urged him to take the plunge into the liquid state which has resulted in his bringing up some brilliant results.

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¹ William H. Nichols Medal Address before the New York Section of the American Chemical Society, March 10, 1939.



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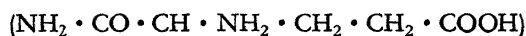
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- (1) McIlwain et al, *Biochem. J.*, 33:223 (1939)
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- (2) M. Landy, General Biochemicals, Inc.
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