

Editorial	On Being Fair though One-sided	585
Articles	Radio Spectrum of Jupiter: <i>A. G. Smith</i>	587
	Radio-frequency signals are providing important new information about the giant planet and its environs.	
	Resistance by Scientists to Scientific Discovery: <i>B. Barber</i>	596
	This source of resistance has yet to be given the scrutiny accorded religious and ideological sources.	
Science and the News	Grand Strategy: The Administration Has a Problem That It Would Rather Not Deal With in Public	602
Book Reviews	G. Wichler's <i>Charles Darwin</i> , reviewed by <i>E. Mayr</i> ; other reviews	607
Reports	Effects of 3-Methylcholanthrene and Phenobarbital on Amino Acid Incorporation into Protein: <i>H. V. Gelboin</i> and <i>L. Sokoloff</i>	611
	Nonlinear Property of the Visual System at Fusion: <i>D. M. Forsyth</i> and <i>C. R. Brown</i> ..	612
	Differential Acuity of the Two Eyes and the Problem of Ocular Dominances: <i>H. F. Crovitz</i>	614
	Repeatability and Standardization in Cattle Blood Typing: <i>C. A. Kiddy</i> and <i>N. W. Hooven, Jr.</i>	615
	Some Characteristics of a Thermophilic Blue-Green Alga: <i>D. L. Dyer</i> and <i>R. D. Gafford</i>	616
	Localization Effects with Steady Thermal Noise in One Ear and Pulsed Thermal Noise in the Other: <i>W. R. Thurlow</i> and <i>L. F. Elfner</i>	617
	Polymeric Particles of Protein Insoluble at pH 5 from Rat Liver: <i>C. A. Leone</i> and <i>M. Redstone</i>	618
	Transfer of Allergic Encephalomyelitis by Lymph Node Cells in Inbred Guinea Pigs: <i>S. H. Stone</i>	619
Departments	Respiratory Tract Diseases; Forthcoming Events	622
Cover	Flame pattern in an oil burner, showing the separation of the flame front during pulsation. Pulsation was detected with high-speed movies taken during a combustion chamber test. Measurements taken from the film showed that the pulsing frequency matched the frequency of high-intensity sound waves previously recorded. [Esso Research and Engineering Company]	

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