

Editorial	Use of the Ocean	895
Articles	Magnetic Storms: <i>E. H. Vestine</i>	897
	From satellite data should come new understanding of magnetic storms, auroras, and the ionosphere.	
	Sterile-Male Method of Population Control: <i>E. F. Knipling</i>	902
	Successful with some insects, the method may also be effective when applied to other noxious animals.	
Science in the News	Transfer of Projects Gives Air Force Major Role in Military Space Activities; U.S. Specialists Describe Soviet Commitments to Education	905
Book Reviews	M. Polanyi's <i>The Study of Man</i> , reviewed by <i>W. Earle</i> ; other reviews	912
Reports	Electrical System for Home Conversion and Storage of Solar Energy: <i>L. J. Giacoletto</i>	915
	Pavlov the Empiricist: <i>G. Razran</i>	916
	Effect of Dietary Facts on Fatty Acid Composition of Human Erythrocytes and Chick Cerebella: <i>M. K. Horwitt, C. C. Harvey, B. Century</i>	917
	Experimental Evidence in Support of the Dormant Tumor Cell: <i>B. Fisher and E. R. Fisher</i>	918
	Fusion of Complex Flicker: <i>J. Levinson</i>	919
	Competitive Antagonism between Kinetin and 8-Azaguanine in <i>Polytoma uvella</i> : <i>F. Moewus</i>	921
	Generator Potential of Insect Chemoreceptor: <i>H. Morita and S. Yamashita</i>	922
Association Affairs	AAAS Chicago Meetings, 1868-1959	923
Departments	Letters	890
	Forthcoming Events; New Products	926
Cover	Sunspot, taken from a balloon at an altitude of 80,000 feet at 11:13 A.M. C.D.T. dur- ing the Stratoscope flight of 17 August. Project Stratoscope is an undertaking in high- altitude astronomy headed by Martin Schwarzschild, professor of astronomy at Princeton University, and supported by the National Science Foundation and the Office of Naval Research. The telescope carried by the balloon was designed and built by Perkin-Elmer Corporation, and the television equipment used for controlling the telescope from the ground and for transmitting the images was designed and built by the Princeton Laboratories of the Radio Corporation of America.	

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