



353-03300
013

Editorial	Mutual Aid	1099
Articles	Zone Melting: <i>W. G. Pfann</i>	1101
	This technique offers unique advantages in purification and in control of composition in various substances.	
	Softening of Metals: <i>J. G. Morris</i>	1110
	With new techniques, four distinct processes in the thermal softening of metal systems may be studied.	
News and Comment	Leavis views C. P. Snow . . . Cooperation in space	1114
Book Reviews	Government and Science in an Age of Scientific Revolution: <i>A. H. Dupree</i>	1119
	A revolutionary change has occurred in institutional relations between science and the federal government.	
	<i>Essays in Pre-Columbian Art and Archaeology</i> , reviewed by <i>L. Satterthwaite</i> ; other reviews	1121
Reports	Moon Illusion and Emmert's Law: <i>W. L. King</i> and <i>H. E. Gruber</i>	1125
	Drug Administration to Cerebral Cortex of Freely Moving Dogs: <i>T. Kobayashi</i>	1126
	Are New Neurons Formed in the Brains of Adult Mammals?: <i>J. Altman</i>	1127
	Papova Virus Group: <i>J. L. Melnick</i>	1128
	Antibody Production in Human Malaria as Determined by the Fluorescent Antibody Technique: <i>S. F. Kuvin</i> et al.	1130
	Drug Effects on Lever Positioning Behavior: <i>R. Clark, J. A. Jackson, J. V. Brady</i>	1132
	Punishment Inhibits an Instrumental Response in Hooded Rats: <i>L. H. Storms, G. Boroczi, W. E. Broen, Jr.</i>	1133
	Mask for Controlling Visual Input in Cats: <i>J. S. Robinson</i> and <i>T. J. Voneida</i>	1134
	Histoplasma capsulatum Recovered from Bat Tissues: <i>M. H. Shacklette, F. H. Diercks, N. B. Gale</i>	1135
	Irrigation and Nitrogen Effects on Sweet Corn Row Numbers at Various Growth Stages: <i>H. A. Schreiber, C. O. Stanberry, H. Tucker</i>	1135
Departments	New Products	1138
	Forthcoming Events	1142
Cover	Strain-free grain structure of pure aluminum (99.999 percent) produced by subjecting the cold worked metal to thermal treatment above a specific minimum temperature. The strain-free structure shown is revealed by direct chemical attack (× 700). See page 1110. [R. Brown and J. G. Morris, Department of Metallurgy, University of Kentucky]	

Science

135 (3509)

Science **135** (3509), 1099-1146.

ARTICLE TOOLS

<http://science.sciencemag.org/content/135/3509.citation>

PERMISSIONS

<http://www.sciencemag.org/help/reprints-and-permissions>

Use of this article is subject to the [Terms of Service](#)

Science (print ISSN 0036-8075; online ISSN 1095-9203) is published by the American Association for the Advancement of Science, 1200 New York Avenue NW, Washington, DC 20005. 2017 © The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works. The title *Science* is a registered trademark of AAAS.