

<b>Editorial</b>	The Jinni in the Bottle .....	<b>359</b>
<b>Articles</b>	Freezing Nuclei, Meteors, and Rainfall: <i>N. H. Fletcher</i> .....	<b>361</b>
	Do tiny particles from meteor streams influence rainfall over the earth's continents?	
	Genes and the Pigment Cells of Mammals: <i>W. K. Silvers</i> .....	<b>368</b>
	Pigment cells provide unique material for studying the interactions of genetic determinants.	
<b>Science and the News</b>	The Budget Process: It Changes Slowly To Meet New Needs .....	<b>374</b>
<b>Book Reviews</b>	K. Burrige's <i>Mambu</i> , reviewed by <i>A. F. C. Wallace</i> ; other reviews .....	<b>379</b>
<b>Reports</b>	Fatigue in Phasic and Tonic Fibers of Frog Muscle: <i>A. Eberstein</i> and <i>A. Sandow</i> ....	<b>383</b>
	Isolation of Abscisin, an Abscission Accelerating Substance: <i>W.-C. Liu</i> and <i>H. R. Carns</i> .....	<b>384</b>
	Effect of Major Meteoric Showers on the Densities of the Upper Atmosphere: <i>S. I. Rasool</i> .....	<b>385</b>
	Polynuclear Aromatic Hydrocarbons, Steroids and Carcinogenesis: <i>N. C. Yang</i> et al. ....	<b>386</b>
	"Conditioned" Alpha Desynchronization: <i>J. A. Stern</i> et al. ....	<b>388</b>
	New Arrangement of Interrenal and Chromaffin Tissues of Teleost Fishes: <i>J. Nandi</i> .....	<b>389</b>
	Potassium Deficiency in Marmots during Hibernation: <i>J. J. Christian</i> .....	<b>390</b>
	Existence of Absorption Bands at 730-740 and 750-760 Millimicrons in Algae of Different Divisions: <i>Govindjee</i> , <i>C. Cederstrand</i> , <i>E. Rabinowitch</i> .....	<b>391</b>
	Air Entrainment in Turbulent Liquids: <i>J. E. Flack</i> , <i>J. I. Kveisengen</i> , <i>J. H. Nath</i> ....	<b>392</b>
	Pre-Columbian <i>Littorina littorea</i> in Nova Scotia: <i>A. H. Clarke, Jr.</i> , and <i>J. S. Erskine</i> ..	<b>393</b>
<b>Departments</b>	New Products; Forthcoming Events .....	<b>396</b>
<b>Cover</b>	Surface turbulence generated by a grid agitator in a column of water. Those fluid particles possessing sufficient energy to overcome surface tension of the water break through the surface as shown. These breaking waves entrain air into the water and turbulent eddies then diffuse the air bubbles throughout the water column (scale: about 1.1:1). See page 392. [J. E. Flack, University of Colorado, Boulder]	

# Science

**134 (3476)**

*Science* **134** (3476), 359-400.

**ARTICLE TOOLS**

<http://science.sciencemag.org/content/134/3476.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. The title *Science* is a registered trademark of AAAS.

Copyright © 1961 The Authors, some rights reserved; exclusive licensee American Association for the Advancement of Science. No claim to original U.S. Government Works.