Nitrogen- and Helium-Induced Anoxia: Different Lethal Effects on Rye Seeds:
R. L. Latterell .................................................... 69

Montmorillonite: Effect of pH on Its Adsorption of a Soil Humic Compound:
M. Schnitzer and H. Kodama ........................................ 70

Conditions for Purine Synthesis: Did Prebiotic Synthesis Occur at Low Temperatures?
R. Sanchez, J. Ferris, L. E. Orgel ......................... 72

Circadian Rhythm in Pineal Tyrosine Hydroxylase: E. McGeer and P. L. McGeer 73

Antiserum to Immunoglobulin A: Inhibition of Cell-Mediated Demyelination in Tissue Culture: G. F. Winkler and B. G. Arnason 75

Polysomes and Protein Synthesis in Cells Infected with a DNA Virus:
R. J. Sydikis and B. Roizman ........................................ 76

Calibration of Gauges for Determining Leaf Water Status:
P. G. Jarvis and R. O. Slatyer ........................................ 78

Influence of the Lethal Yellow (A^Y) Gene on Estrous Synchrony in Mice:
A. Bartke and G. L. Wolf ........................................ 79

Mechanism of a Reaction in vitro Associated with Delayed-Type Hypersensitivity:
B. R. Bloom and B. Bennett ................................ 80

Dimethyl Sulfoxide: Lens Changes in Dogs during Oral Administration:
L. F. Rubin and P. A. Mattis ........................................ 83

Glucuronidase Gene Expression in Somatic Hybrids: R. Ganschow 84

Sleep Deprivation in the Rat: R. A. Levitt .......................... 85

Qualitative versus Directional Cues in Two Forms of Differentiation:
C. Dobrzechka, G. Szwejkowska, J. Konorski .............. 87

Technical Comments: Higher Education: A Population Flow Feedback Model:
A. Reisman .......................................................... 89

Meeting: Nucleic Acid and Protein Chemistry: R. D. Cole and C. A. Dekker;
Forthcoming Events ................................................... 92

Cover
Examples of “incongruity,” the possession by a stimulus pattern of characteristics that a human subject will generally have learned to regard as incompatible. Such pictures have been used in experiments on curiosity and other motivational effects of “collative” stimulus properties. See page 25. [S. E. Burgess]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools** Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/153/3731

**Permissions** Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl