Editorial  Stability and Change ................................................................. 1025

Articles  Soil Classification in the United States: R. W. Simonson ...................... 1027
Classification of soils at any point in history largely reflects current understanding of soil genesis.

Sexual Sterilization of Insects by Chemicals: A. B. Borkovec ..................... 1034
Eradication of harmful insects may be achieved with analogs of cancer chemotherapeutic agents.

News and Comment  The Swedes Respond to the Population Explosion ............ 1038

Book Reviews  Chemicals and Pests: I. L. Baldwin ........................................ 1042
Man's use, misuse, and abuse of the products of science determine whether these valuable assets are also harmful.

The Collected Papers of Lord Rutherford of Nelson, reviewed by E. Segrè; other reviews ............................................................... 1044

Reports  Migration of Proteins along the Axons of the Sciatic Nerve: B. Droz and C. P. Leblond ....................... 1047

Chromatographic Validation of Two Morphologically Similar Hybrids of Different Origins: R. E. Alston et al. .................. 1048

Metabolic Requirements for the Swimming Activity of Three Antarctic Fishes: D. E. Wohlschlag ...................................................... 1050

Alveolar Pathways during 90-Foot Breath-Hold Dives: K. E. Schaefer and C. R. Carey ......................................................... 1051

Reinforcing Brain Stimulation in Competition with Water Reward and Shock Avoidance: E. S. Valenstein and B. Beer ..................... 1052

Incidence of Color in Immediately Recalled Dreams: E. Kahn et al. ............... 1054

Melting Point of Graphite at High Pressure: Heat of Fusion: F. P. Bundy .......... 1055

Direct Conversion of Graphite to Diamond in Static Pressure Apparatus: F. P. Bundy ................................................................. 1057

Circadian Rhythm in the in vitro Response of Mouse Adrenal to Adrenocorticotropic Hormone: F. Ungar and F. Halberg ..................... 1058

Conditioning of Extrasystoles in Humans with Respiratory Maneuvers as Unconditional Stimulus: J. Perez-Cruet ...................... 1060

Isolation of the Sex Attractant of the American Cockroach: D. R. A. Wharton et al. ................................................................. 1062

Generation of Electric Potentials by Bone in Response to Mechanical Stress: C. A. L. Bassett and R. O. Becker ..................... 1063

Association Affairs  Election of AAAS Officers .............................................. 1065

Departments  Letters from A. G. Huntsman; J. Mayer; N. I. Harway ..................... 1019
Meetings: Forthcoming Events .............................................................. 1070
New Products ....................................................................................... 1077

Cover  Horizons of a soil profile. See page 1027. [R. W. Simonson, U.S. Soil Conservation Service, Beltsville, Md.]
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/137/3535.citation

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