Oil Spills: Method for Measuring Their Extent on the Sea Surface: J. E. Estes and B. Golomb .................................................. 676
Microwave Detection of Thioformaldehyde: D. R. Johnson and F. X. Powell ................. 679
A Search for the 110→111 Transition of Interstellar Thioformaldehyde: N. J. Evans II et al. .......................................................... 680
Formaldehyde Absorption Coefficients in the Vacuum Ultraviolet (650 to 1850 Angstroms): E. P. Gentieu and J. E. Mentall .............................. 681
Lesch-Nyhan Syndrome: Preventive Control by Prenatal Diagnosis: J. A. Boyle et al. ........ 688
Phosphorus, Nitrogen, and Algae in Lake Washington after Diversion of Sewage: W. T. Edmondson ................................................. 690
Bone Marrow Colonies: Stimulation in vitro by Supernatant from Incubated Human Blood Cells: P. A. Chervenick and D. R. Boggs ...................... 691
RNA and DNA Puffs in Polytenes Chromosomes of Rhynchosciara: Inhibition by Extirpation of Prothorax: J. M. Amabis and D. Cabral .................. 692
Circadian Rhythms in Human Heart Homograft: J. A. Kraft et al. ............................. 694
Cell-Mediated Immunity Shown by Lymphocytes from the Respiratory Tract: C. S. Henney and R. H. Waldman ........................................... 696
Crayfish Swimming: Alternating Motor Output and Giant Fiber Activity: J. E. Schrameck .......................................................... 698
Epileptic Focus Location: Spectral Analysis Method: W. Gersch and G. V. Goddard ......... 701
Drinking and Eating Elicited by Cortical Spreading Depression: J. P. Huston and J. Burek .................................................................. 702

Technical Comments: Hyperbaric Oxygen: B. G. D'Aoust; P. Joanny; Polywater Discovered 30 Years Ago?: M. T. Shaw ........................................ 704

COVER
Pre-Columbian ridged fields extending into Lake Titicaca near Requeña, northeast of Juliaca, Peru. Most of the field remnants are 20 to 25 meters wide and 1 to 2 meters high. Similar aboriginal drainage systems have been found in widespread parts of the Americas. See page 647. [Instituto Geografico Militar, Lima, Peru]