The Cancer Mission, E. J. Yoxen; Nitrogen Fixation, J. L. Ingraham;
Books Received .................................................. 377

REPORTS

A Pleistocene Sand Sea on the Alaskan Arctic Coastal Plain: L. D. Carter ........ 381
Noble Gases in Stratospheric Dust Particles: Confirmation of Extraterrestrial
Origin: B. Hudson et al. ........................................... 383
Scheiner's Halo: Evidence for Ice Ic in the Atmosphere: E. Whalley ............. 389
Natural Disturbance and the Steady State in High-Altitude Balsam Fir Forests:
D. G. Sprugel and F. H. Bormann .................................. 390
Reactivation of an Inactive Human X Chromosome: Evidence for X Inactivation by
DNA Methylation: T. Mohandas, R. S. Sparkes, L. J. Shapiro ......................... 393
Mouse Oocytes Transcribe Injected Xenopus 55 RNA Gene: R. L. Brinster,
H. Y. Chen, M. E. Trumbauer ..................................... 396
A Metronidazole Metabolite in Human Urine and Its Risk: R. L. Koch et al. .... 398
Two Novel Classes of Small Ribonucleoproteins Detected by Antibodies Associated
with Lupus Erythematosus: M. R. Lerner et al. ................................ 400
Nematode Development After Removal of Egg Cytoplasm: Absence of Localized
Unbound Determinants: J. S. Laufer and G. von Ehrenstein .......................... 402
A Photobiological Evaluation of Tanning Booths: D. S. Nachtwey and
R. D. Rundel .......................................................... 405
Compartmentalization of Cyclic AMP During Phagocytosis by Human Neutrophilic
Granulocytes: K. B. Pryzwansky et al. ................................ 407

Technical Comments: Food Dyes and Impairment of Performance in Hyperactive
Children: H. B. Ferguson, J. L. Rapoport, H. Weingartner; J. M. Swanson and
M. Kingsbourne ...................................................... 410

PRODUCTS AND MATERIALS

Disk Drives; Anaerobic Glove Box; Fermenter; Photomicrography; Thermal
Analysis; Programmed Freezing of Biological Specimens; Infrared
Spectrophotometer; Literature ......................................... 412

COVER

The dairy cow (upper right) is the genetic mother of the ten calves. She was
superovulated, and the embryos were recovered from her uterus 1 week after
conception. After 3 to 10 hours of culture in vitro, the embryos were transferred
to the uteri of the ten recipient cows (left) for gestation to term. The
cattle are owned by Colorado State University. See page 351. [J. Messineo,
Fort Collins, Colo.]