LETTERS  Carcinogens and Regulations: M. Lappé et al.; R. H. Tullis; G. B. Gori; Privileged Communication: C. Lièbecq

EDITORIAL  Science Education: Rhetoric and Reality

ARTICLES  The Origin of Man: C. O. Lovejoy
Superovulation and Embryo Transfer in Cattle: G. E. Seidel, Jr.
Using Materials Science: W. O. Baker

NEWS AND COMMENT  Eastern Bloc Evades Technology Embargo
Briefing: Epidemiologists Try to Help Stop More Atlanta Murders; Dump Delaney Clause, Schweiker Suggests; White Sands, Warm Winds, and . . . Toxic Wastes?
AAAS in Canada Seeks Peace Without Hawks
Development Advocate to Head Interior

RESEARCH NEWS  Mount St. Helens and a Climate Quandary
AAAS Briefings: Ancient Cut Marks Reveal Work of Prehuman Hands; Genetic Link with Human Behavior Causes Stir; Is Longevity a Positive Selection?
Three Mice “Cloned” in Switzerland

BOOK REVIEWS  Geography Yesterday and Tomorrow, reviewed by T. F. Glick; Wilhelm Wundt and the Making of a Scientific Psychology and Wundt Studies, R. B. Evans;
REPORTS

A Pleistocene Sand Sea on the Alaskan Arctic Coastal Plain: L. D. Carter

Noble Gases in Stratospheric Dust Particles: Confirmation of Extraterrestrial Origin: B. Hudson et al.


Scheiner’s Halo: Evidence for Ice Ic in the Atmosphere: E. Whalley.

Natural Disturbance and the Steady State in High-Altitude Balsam Fir Forests: D. G. Sprugel and F. H. Bormann.


A Metronidazole Metabolite in Human Urine and Its Risk: R. L. Koch et al.

Two Novel Classes of Small Ribonucleoproteins Detected by Antibodies Associated with Lupus Erythematosus: M. R. Lerner et al.


Compartmentalization of Cyclic AMP During Phagocytosis by Human Neutrophilic Granulocytes: K. B. Pryzwansky et al.


PRODUCTS AND MATERIALS

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

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.]