Editorial  “Say It Ain’t So” .............................................................. 1493

Articles  Pathways of Intracellular Hydrogen Transport: G. E. Boxer and T. M. Devlin ........ 1495
Absence of enzymatic hydrogen-carrying systems is a factor in aerobic glycolysis of malignant tissue.

Cause and Effect in Biology: E. Mayr .................................................... 1501
Kinds of causes, predictability, and teleology are viewed by a practicing biologist.

Physiological Implications of Laser Beams: L. R. Solon, R. Aronson, G. Gould ........ 1506
The very high radiation flux densities of optical masers point to important biomedical applications.

Science and the News  The Next Budget: The President Is Saying a Few Things He Cannot Really Believe; Soviet-American Exchanges: For Different Reasons, Both Sides Find Them Advantageous .................................................... 1509

Book Reviews  Science Survey, reviewed by W. Sullivan; other reviews ...................... 1514

Reports  Cerebral Dysfunction and Intellectual Impairment in Old Age:
H. Misiak and A. W. Loranger ................................................................. 1518
Humming: A Vocal Standard with a Diurnal Variation: L. Rubenstein .............. 1519
Localized Cooling in the Brain: V. H. Mark et al. ........................................ 1520
Functional Effects of Focused Ultrasound on Mammalian Nerves:
R. R. Young and E. Henneman ............................................................... 1521
Gonadotrophic Hormones Affect Aggressive Behavior in Starlings: S. F. Mathewson .... 1522
Localization of Carbonic Anhydrase in the Nervous System: E. Giacobini .......... 1524
Ocular Lesions Produced by an Optical Maser (Laser): M. M. Zaret et al. ........ 1525
Oral Proline Tolerance in Osteogenesis Imperfecta: G. K. Summer .................. 1527
Longevity of Fusarium oxysporum in Soil Tube Culture:
C. D. McKeen and R. N. Wensley ................................................................ 1528
Photoperiodic Response of an Albino Mutant of Einkorn Wheat in Aseptic Culture:
M. Sugino ..................................................................................................... 1529
Genetical and Geographic Studies on Isoniazid Inactivation:
S. Sunahara, M. Urano, M. Ogawa .............................................................. 1530
Preference for Clear versus Distorted Viewing in the Chimpanzee:
E. W. Menzel, Jr., and R. K. Davenport, Jr. ................................................ 1531
Influence of Cage Type and Dietary Zinc Oxide upon Molybdenum Toxicity:
G. L. Brinkman and R. F. Miller .................................................................. 1531

Association Affairs  128th Annual Meeting: Program Summary ........................................ 1533

Departments  Forthcoming Events; New Products ........................................... 1539
Letters from R. Strouz-Hupé; H. E. Himwich and E. F. Rogers; N. Macdonald,
F. Ward, N. H. Fletcher; D. K. Myers; S. K. Krishnaswami; W. Landauer,
R. H. Adamson, V. Paschakis; P. J. Kramer and J. V. Basmajian .......................... 1559

Cover  Foam on fresh coffee. [Victor B. Scheffer, Bellevue, Wash.]