LETTERS


EDITORIAL

Letters to Congressmen

ARTICLES

High-Resolution Mass Spectrometry: F. W. McLafferty

Elemental composition and structural parts of a molecule are indicated from a submicrogram sample.

Government, Science, and Public Policy: C. P. Snow

Dermo-optical Perception: A Peek Down the Nose: M. Gardner

Recent tests, offered as confirming evidence for DOP, lack sufficiently tight controls to rule out trickery.

NEWS AND COMMENT

Pittsburgh: The Rocky Road to Academic Excellence (II)—Human Experimentation: Verdict in New York—Manpower: Encouraging Projections

BOOK REVIEWS

Research on Sex: H. Guze


REPORTS

Satellite Elongation into a True "Sky Hook": J. D. Isaacs et al.

Ammonium Micas: Possible Sources of Atmospheric Ammonia and Nitrogen: H. P. Eugster and J. Munoz
Thunderstorm Electrification of Hail and Graupel by Polar Dribble: R. Gunn

Mitochondrial DNA in Yeast and Some Mammalian Species: G. Corneo et al.

Organization of DNA in Dipteran Polytene Chromosomes as Indicated by Polarized Fluorescence Microscopy: J. W. Maclnnes and R. B. Uretz

Synchronization of Mammalian Cells with Tritiated Thymidine: G. F. Whitmore and S. Gulyas

Thermoregulation in a Brooding Female Indian Python, Python molurus bivittatus: V. H. Hutchison, H. G. Dowling, A. Vinegar

Morphogenesis in Trichoderma: Suppression of Photoinduction by 5-Fluorouracil: E. Galun and J. Gressel

Virus Induction of Osteosarcomas in Mice: M. P. Finkel, B. O. Biskis, P. B. Jinkins

Fluorescent Tracer: Transport in Distance and Depth in Beach Sands: M. I. Schwartz

Magnesium Pemoline: Enhancement of Brain RNA Polymerases: A. J. Glasky and L. N. Simon

Magnesium Pemoline: Enhancement of Learning and Memory of a Conditioned Avoidance Response: N. Plotnikoff

Acquisition of Imitative Speech by Schizophrenic Children: O. I. Lovaas et al.

Unconditioned Response to Electric Shock: Mechanism in Planarians: J. B. Best and E. Elshtain


MEETINGS

Foundations of Access to Knowledge: D. Bergen; Iroquois Research: E. J. Tooker; Learning, Remembering, and Forgetting: D. P. Kimble; Forthcoming Events

COVER

Hatching of an Indian Rock python (Python molurus). Eggs had been brooded about 60 days before they began to hatch. Whenever the ambient temperature fell below 32°C during that period, the mother produced enough metabolic heat by repeated contractions of her body muscles to maintain the eggs at or near that temperature. See page 694. [New York Zoological Society]