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Fossil Birds from the Hawaiian Islands: Evidence for Wholesale Extinction by Man Before Western Contact: S. L. Olson and H. F. James

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Computer-Assisted Mapping of Pyroclastic Surges: M. C. Malin and M. F. Sheridan

Venus: Global Surface Radar Reflectivity: G. H. Pettengill, P. G. Ford, S. Nozette

Cigarette Smoke Contains Anticoagulants Against Fibrin Aggregation and Factor XIII in Plasma: D. K. Galanakis et al.

Metabolism of 2,4',5-Trichlorobiphenyl by the Mercapturic Acid Pathway: J. E. Bakke, A. L. Bergman, G. L. Larsen

Natural and Synthetic Allatotoxins: Suicide Substrates for Juvenile Hormone Biosynthesis: W. S. Bowers et al.

Active Genes Are Sensitive to Deoxyribonuclease I During Metaphase: B. Gazit et al.

Spiking Local Interneurons Mediate Local Reflexes: M. Burrows and M. V. S. Siegler

Force-Sensitive Interneurons in the Spinal Cord of the Cat: C. L. Cleland, W. Z. Rymer, F. R. Edwards

Spatial Learning as an Adaptation in Hummingbirds: S. Cole et al.

Sex Pheromone of the Winter Moth, a Geometrid with Unusually Low Temperature Precopulatory Responses: W. L. Roelofs et al.

Sex and Handedness Differences in Cerebral Blood Flow During Rest and Cognitive Activity: R. C. Gur et al.

Destruction of Noradrenergic Neurons in Rabbit Brainstem Elevates Plasma Vasopressin, Causing Hypertension: W. W. Blessing, A. F. Sved, D. J. Reis

Localization of an Elevated Sound Source by the Green Tree Frog: H. C. Gerhardt and J. Rheinlaender

Full moon over the Great Selima Sand Sheet, northern Sudan, illuminated by dawn’s light. Test pits and surficial archeology reveal the sand sheet to be underlain by stratified Quaternary alluvium as well as aeolian sand and paleosols of at least three ages. See page 629. [Vance Haynes, University of Arizona, Tucson 85721]