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The Multiplicity of Dreams

Memory, Imagination and Consciousness

By Harry T. Hunt

Dreams have been interpreted as divine revelations, previews of the future, relivings of the past, and expressions of unconscious conflicts. In this fascinating and comprehensive book, psychologist Harry T. Hunt provides a thorough look at all aspects of dreaming, from the theories of Freud and Jung to the latest developments in sleep laboratories. Drawing on insights from anthropology and psychiatry as well as from cognitive psychology, Hunt argues that there are many types of dreams, and he classifies them systematically for the first time. This book is richly rewarding to both scientists and the general public, for it proposes a pluralistic interpretation of dreams that will be of great interest to experts and at the same time explains in language accessible to nonprofessional readers what we know about dreams — those absorbing creations of our minds.

— from the publisher

Letters continued from p. 115

tom of the glasses (in the proximity of the stem) increased the frequency of vibration.

For those who wish to experiment, Bruno Hoffman of Stuttgart — the world's greatest performer in this idiom — suggests using cider vinegar to clean both the glasses and the performer's fingers.

Robert M. Fischer
 Valencia, Pa.

Hormonal memory

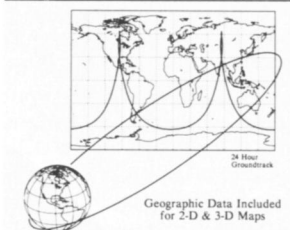
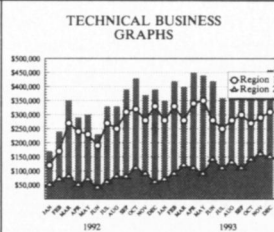
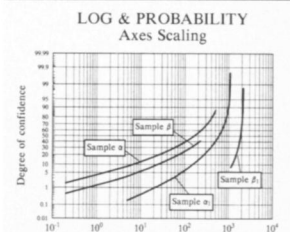
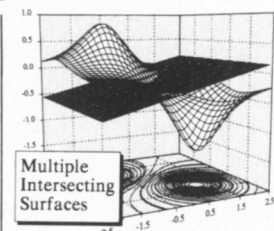
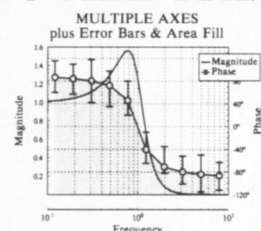
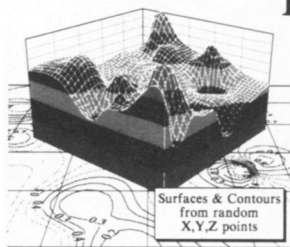
"Randy Reptiles" (SN: 5/11/91, p.300) describes experimental results suggesting that high testosterone levels in the previous summer initiated courting behavior in garter snakes in the next spring. These results are in line with our data obtained in deer.

Experiments performed in the last 15 years indicate that high testosterone levels in the rutting season (fall) will influence the intensity of antler growth in the following spring, when the testosterone levels are at the minimum. Antler growth will continue in castrates but will diminish with each successive year. A testosterone "boost" given in the fall will reinvigorate the next antler growth.

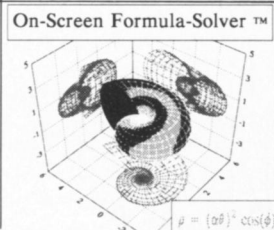
This unusual phenomenon of "remembering" the previous growth process was called a "trophical memory" more than 30 years ago by T. Bubenik and R. Pavlansky. It was hypothesized that this "memory" involves activation of brain centers by androgens.

George A. Bubenik
 Associate Professor of Zoology
 University of Guelph
 Guelph, Ontario

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