LETTERS

EDITORIAL
Science, Technology, and the Gold Drain

ARTICLES
Magnetic Fields in Interplanetary Space: L. J. Cahill, Jr. A weak magnetic field pulled out from the sun has considerable influence on interplanetary processes.
Biosynthesis of Alkaloids: E. Leete New and unexpected routes to the pyridine and piperidine rings have been discovered.
Animal Communication: T. A. Sebeok A communication network model for languages is applied to signaling behavior in animals.

NEWS AND COMMENT

BOOK REVIEWS

REPORTS
Hot Shadows of Jupiter: R. L. Wildey ........................................ 1035
Botulinum Toxin, Type A: Effects on Central Nervous System: E. H. Polley et al. ...... 1036
Cholesterol Biosynthesis: Mevalonate Synthesis Inhibited by Bile Salts:
G. M. Fimognari and V. W. Rodwell ........................................ 1038
Histoplasma capsulatum from the Liver of a Bat in Colombia:
C. J. Marinkle and E. Grose .................................................. 1039
Absence of Taste-Bud Papillae in Familial Dysautonomia: A. Smith,
A. Farbman, J. Dancis .......................................................... 1040
X Chromosome DNA Replication: Developmental Shift from Synchrony to Asynchrony:
R. B. Nicklas and R. A. Jaqua ................................................. 1041
Tylotrich (Hair) Follicle: Association with a Slowly Adapting Tactile Receptor in the Cat: S. J. Mann and W. E. Straile ........................................ 1043
Ionizing Radiation: Effect of Irradiated Medium on Synthetic Processes:
E. C. Pollard et al. ........................................................................ 1045
Itch and Vibration: R. Melzack and B. Schecter ........................................... 1047
Trained Porpoise Released in the Open Sea: K. S. Norris .......................... 1048
Perception of Stroboscopic Movement: Evidence for Its Innate Basis:
I. Rock, E. S. Tauber, D. P. Heller .............................................. 1050
Comments on Reports: Geological Interpretation of Aeromagnetic Profiles:
N. A. Ostenso, E. R. King, I. Zietz, L. R. Aldredge; Hybrid Resistance Controlled by H-2 Region: Correction of Data: G. Cudkowicz and J. H. Stimpfling 1052

MEETINGS

Cover
Keiki, a trained Pacific bottlenose porpoise, swims free in the ocean near Oahu, Hawaii. During speed tests the animal would respond to signals emitted underwater by an electronic device. See page 1048 [Camera Hawaii, Honolulu]
Editor's Summary

This copy is for your personal, non-commercial use only.

**Article Tools**  Visit the online version of this article to access the personalization and article tools:
http://science.sciencemag.org/content/147/3661

**Permissions**  Obtain information about reproducing this article:
http://www.sciencemag.org/about/permissions.dtl