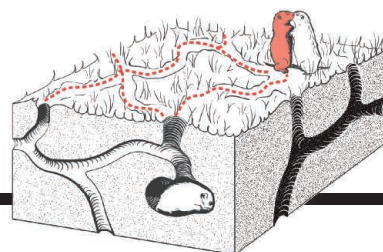


# CONTENTS



## 1310 & 1371

Memory and monogamy

11 DECEMBER 2015 • VOLUME 350 • ISSUE 6266



These isolated Korubo people made peaceful contact in 1996, but other Korubo have recently faced violence.

### 1312 SHARING BY DESIGN: DATA AND DECENTRALIZED COMMONS

Overcoming legal and policy obstacles *By J. L. Contreras and J. H. Reichman*

### 1314 MATCHED FILTERING OF ULTRASHORT PULSES

Optical signal processing can help reduce noise in detection of ultrafast electrical pulses *By M. Vasilyev*

► REPORT P. 1343

### 1316 OPENING THE GATE ON SUPERCONDUCTIVITY

Superconducting two-dimensional materials are found to be remarkably robust *By H. J. Suderow*

► REPORT P. 1353

### 1317 REVISITING VITAMIN C AND CANCER

A high dose of vitamin C kills certain colon cancer cells *By C. R. Reczek and N. S. Chandel*

► REPORT P. 1391

### 1319 WHAT IS AN ADULT STEM CELL?

Tissues may use diverse mechanisms to replace lost cells *By H. Clevers*

### 1321 IN THE WAKE OF COLLISION

When atoms collide with metal surfaces, electron-hole pair excitations dissipate the adsorption energy *By H. Brune*

► REPORT P. 1346

### BOOKS ET AL.

#### 1322 MEL CHEMISTRY

*Reviewed by J. Fahrenkamp-Uppenbrink*

#### 1323 ADA LOVELACE

*Reviewed by A. Robinson*

### LETTERS

#### 1325 FLYING FOXES FACE CULL DESPITE EVIDENCE

*By F. B. V. Florens*

#### 1325 LIFE IN SCIENCE: THE FORCE OF ETHICS AWAKENS

*By M. J. Guitton*

Science Staff.....	1294
New Products.....	1397
Science Careers.....	1398

## NEWS

### IN BRIEF

1296 News at a glance

### IN DEPTH

#### 1299 GERMLINE EDITING DOMINATES DNA SUMMIT

Prospect of heritable changes sparks questions about safety, ethics, and rationale *By J. Travis*

#### 1300 A WHALE'S LIFE, INSCRIBED IN BALEEN

Fibrous keratin can store a chemical record of pregnancies and stress *By R. Kessler*

#### 1302 CUBESATS PROMISE TO FILL WEATHER DATA GAP

Companies bet on a GPS technique and an agency shift to commercial data *By E. Hand*

#### 1303 CONTROVERSIAL TEST FINDS NO SIGN OF A HOLOGRAPHIC UNIVERSE

Speculative effort was destined to fail, critics say *By A. Cho*

#### 1304 DEADLY ATTACK ON ISOLATED TRIBE

Isolated people recovering from conflict with settled neighbors in the Brazilian Amazon *By B. Fraser*

#### 1305 HIV/AIDS CARE FOR ALL—ON A BUDGET

Zimbabwe meeting promotes ways to cut clinic visits and tests without compromising treatment *By J. Cohen*

### FEATURE

#### 1306 MIND THE PHONE

Devices that monitor and coach users bring promise and peril *By K. Servick*

## INSIGHTS

### PERSPECTIVES

#### 1310 DISSECTING DIVERSITY IN THE SOCIAL BRAIN

Male prairie voles with poor memory skills are less faithful to their partners *By G. E. Robinson*

► REPORT P. 1371

PHOTO: BRAZILPHOTOS.COM/ALAMY

## 1326 MARINE PROTECTED AREAS MISS THE BOAT

By R. Hilborn

## 1326 TECHNICAL COMMENT ABSTRACTS

# RESEARCH

### IN BRIEF

1327 From *Science* and other journals

### REVIEW

#### 1330 MICROBIOME

The global ocean microbiome

M. A. Moran

REVIEW SUMMARY; FOR FULL TEXT:

[dx.doi.org/10.1126/science.aac8455](http://dx.doi.org/10.1126/science.aac8455)

### RESEARCH ARTICLES

#### 1331 PROTEIN STRUCTURE

Principles of assembly reveal a periodic table of protein complexes

S. E. Ahnert et al.

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:

[dx.doi.org/10.1126/science.aaa2245](http://dx.doi.org/10.1126/science.aaa2245)

#### 1332 COGNITIVE SCIENCE

Human-level concept learning through probabilistic program induction

B. M. Lake et al.

► PODCAST

#### 1338 PHYSICAL CHEMISTRY

Spectroscopic characterization of isomerization transition states

J. H. Baraban et al.

### REPORTS

#### 1343 SIGNAL PROCESSING

Subnoise detection of a fast random event

V. Ataie et al.

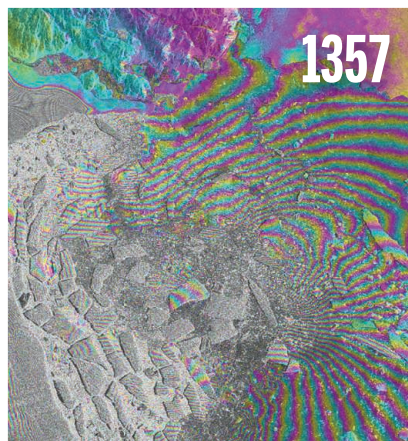
► PERSPECTIVE P. 1314

#### 1346 SURFACE SCIENCE

Electron-hole pair excitation determines the mechanism of hydrogen atom adsorption

O. Bünermann et al.

► PERSPECTIVE P. 1321



#### 1349 GEOPHYSICS

Viscosity jump in Earth's mid-mantle

M. L. Rudolph et al.

#### 1353 SUPERCONDUCTIVITY

Evidence for two-dimensional Ising superconductivity in gated MoS<sub>2</sub>

J. M. Lu et al.

► PERSPECTIVE P. 1316

#### 1357 ICE SHEETS

Fast retreat of Zachariæ Isstrøm, northeast Greenland

J. Mouginot et al.

#### 1361 NEURONAL DYNAMICS

High-speed recording of neural spikes in awake mice and flies with a fluorescent voltage sensor

Y. Gong et al.

#### 1367 RESEARCH INVESTMENT

Wrapping it up in a person: Examining employment and earnings outcomes for Ph.D. recipients

N. Zolas et al.

#### 1371 SOCIAL BEHAVIOR

Sexual fidelity trade-offs promote regulatory variation in the prairie vole brain

M. Okhovat et al.

► PERSPECTIVE P. 1310

#### 1375 AGING

Cell nonautonomous activation of flavin-containing monooxygenase promotes longevity and health span

S. F. Leiser et al.

#### 1379 SIGNAL TRANSDUCTION

Oscillatory stress stimulation uncovers an Achilles' heel of the yeast MAPK signaling network

A. Mitchell et al.

#### 1383 TRANSCRIPTION

RNA polymerase II-associated factor 1 regulates the release and phosphorylation of paused RNA polymerase II

M. Yu et al.

#### 1387 CANCER IMMUNOTHERAPY

Immunogenicity of somatic mutations in human gastrointestinal cancers

E. Tran et al.

#### 1391 VITAMIN C RESEARCH

Vitamin C selectively kills KRAS and BRAF mutant colorectal cancer cells by targeting GAPDH

J. Yun et al.

► PERSPECTIVE P. 1317

### DEPARTMENTS

#### 1295 EDITORIAL

Whither (wither?) tenure?

By Marcia McNutt

#### 1434 WORKING LIFE

The M.D.-Ph.D. double agent

By Jessica W. Tsai

### ON THE COVER



Illustration of character sorting by a computational model (tall piles, simple characters; short piles, more complex ones). People learn to recognize and draw simple visual concepts

(such as a letter in a foreign alphabet) from only a few examples, whereas machine learning algorithms typically require tens or hundreds of examples. See page 1332 for more on representing concepts as programs that can generate a range of new letters.

Illustration: Eiko Ojala

# Science

**350 (6266)**

*Science* **350** (6266), 1295-1434.

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