

CONTENTS

28 NOVEMBER 2014 • VOLUME 346 • ISSUE 6213



1054 & 1063

Making Big Data meaningful

NEWS

IN BRIEF

1036 Roundup of the week's news

IN DEPTH

1039 A NEW PHASE IN THE EBOLA WAR

As new cases drop in Liberia, experts call for a fresh strategy that would target flare-ups *By K. Kupferschmidt*

1040 JAPAN TO ASSAULT ASTEROID

Hayabusa 2 will blast open carbon-rich celestial body *By D. Normile*

1041 CHINA SUPERSIZES ITS UNDERGROUND PHYSICS LAB

Planned expansion could pave way for "ultimate dark matter experiment" *By D. Normile*

1042 CHASING SOUTH AMERICA'S MONSOON

Future of key rain pattern in doubt as climate negotiators gather in Peru *By L. Wade*

1043 U.S. TO EXPAND PUBLIC ACCESS TO CLINICAL STUDY RESULTS

Proposals would require sponsors to report data on thousands of additional trials each year *By J. Kaiser*



1044

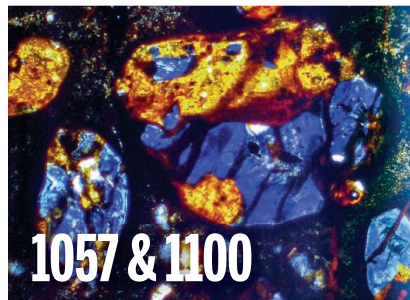
FEATURE

1044 MARTIAN OBSESSION

Black Beauty, a meteorite from ancient Mars, has captivated collectors and scientists *By E. Hand*

► PODCAST

INSIGHTS



PERSPECTIVES

1052 DISENTANGLING GLOBAL SOIL FUNGAL DIVERSITY

A worldwide sampling effort reveals the global drivers of soil fungal biodiversity *By D. A. Wardle and B. D. Lindahl*

► RESEARCH ARTICLE P. 1078

1054 BIG DATA MEETS PUBLIC HEALTH

Human well-being could benefit from large-scale data if large-scale noise is minimized *By M. J. Khoury and J. P. A. Ioannidis*

► PERSPECTIVE P. 1063

1055 SIMULATION AS A TOOL FOR BIOPOLYMERS DESIGN

New materials made from biobased raw materials can be formulated faster with computer simulation of their reaction chemistry *By G. J. Suppes*

1057 BRIDGMANITE—NAMED AT LAST

The most abundant mineral in Earth's interior gets a name *By T. Sharp*

► REPORT P. 1100

1058 HOW QUICKLY WE FORGET

Why do we recall some things better than others? *By D. C. Rubin*

► REPORT P. 1106

1059 POWERING THE CELL CYCLE

Cell division is linked to mitochondrial protein transport *By C. Schulz and P. Rehling*

► REPORT P. 1109

1061 UNIVERSAL EDUCATION IS KEY TO ENHANCED CLIMATE ADAPTATION

Fund more educators rather than just engineers *By W. Lutz et al.*

1063 SOCIAL MEDIA FOR LARGE STUDIES OF BEHAVIOR

Large-scale studies of human behavior in social media need to be held to higher methodological standards

By D. Ruths and J. Pfeffer

► PERSPECTIVE P. 1054

BOOKS ET AL.

1065 CAPITAL FAILURE

N. Morris and D. Vines, Eds.;
reviewed by R. M. May

1066 MOSQUITO TRAILS

By A. M. Nading, reviewed by K. Harper



LETTERS

1067 SALAMANDER PROTECTION STARTS WITH THE NEWT

By B. L. Stuart et al.

1067 ONLINE BUZZ: HUMAN EVOLUTION

1068 CHINA'S ECOLOGICAL STEPS FORWARD

By H. Xu

DEPARTMENTS

1035 EDITORIAL

Innovating research in China
By Xuetao Cao

1146 WORKING LIFE

The art of entrepreneurship
By Trisha Gura

Science Staff	1034
AAAS News & Notes	1069
New Products	1131
Science Careers	1132

CONTENTS

28 NOVEMBER 2014 • VOLUME 346 • ISSUE 6213



1058 & 1106

How collective memory forgets



1052 & 1078

RESEARCH

IN BRIEF

1074 From *Science* and other journals

REVIEW

1077 GENOME EDITING

The new frontier of genome engineering with CRISPR-Cas9 *J. A. Doudna and E. Charpentier*

REVIEW SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1258096

RESEARCH ARTICLES

1078 FUNGAL BIOGEOGRAPHY

Global diversity and geography of soil fungi *L. Tedersoo et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1256688

► PERSPECTIVE P. 1052

1079 SYSTEMS BIOLOGY

Conditional density-based analysis of T cell signaling in single-cell data *S. Krishnaswamy et al.*

RESEARCH ARTICLE SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1250689

1080 BLACK HOLE PHYSICS

Black hole lightning due to particle acceleration at subhorizon scales *J. Aleksić et al.*

1084 PLANT SCIENCE

Biosynthesis, regulation, and domestication of bitterness in cucumber *Y. Shang et al.*

REPORTS

1089 PALEOMAGNETISM

Solar nebula magnetic fields recorded in the Semarkona meteorite *R. R. Fu et al.*

1092 MATERIALS SCIENCE

Dynamic mechanical behavior of multilayer graphene via supersonic projectile penetration *J.-H. Lee et al.*

1096 REPELLENT SURFACES

Turning a surface superrepellent even to completely wetting liquids *T. Liu and C.-J. Kim*

1100 MINERALOGY

Discovery of bridgmanite, the most abundant mineral in Earth, in a shocked meteorite *O. Tschauer et al.*

► PERSPECTIVE P. 1057

1102 CHEMICAL OCEANOGRAPHY

Increasing anthropogenic nitrogen in the North Pacific Ocean *I.-N. Kim et al.*

1106 COGNITIVE PSYCHOLOGY

Forgetting the presidents *H. L. Roediger III and K. A. DeSoto*

► PERSPECTIVE P. 1058

1109 MITOCHONDRIA

Cell cycle-dependent regulation of mitochondrial preprotein translocase *A. B. Harbauer et al.*

► PERSPECTIVE P. 1059

1113 PALEOGENOMICS

Genomic structure in Europeans dating back at least 36,200 years *A. Seguin-Orlando et al.*

1118 TETANUS TOXIN ENTRY

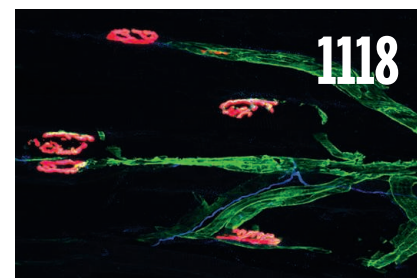
Nidogens are therapeutic targets for the prevention of tetanus *K. Bercsenyi et al.*

1123 T CELL SIGNALING

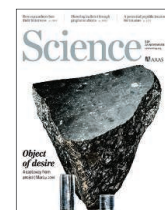
Antigen affinity, costimulation, and cytokine inputs sum linearly to amplify T cell expansion *J. M. Marchingo et al.*

1127 DNA REPAIR

Mechanism of DNA interstrand cross-link processing by repair nuclease FANCD1 *R. Wang et al.*



ON THE COVER



A 239-gram piece of NWA 7034, or “Black Beauty,” a 4.4-billion-year-old meteorite from Mars. The rock, valued at more than \$10,000 per gram, is both the oldest martian meteorite and the first one made

of pieces that were once eroded by wind or water. One of more than a dozen pieces that fell into the Sahara desert, this sample was the first to be recognized as martian. See page 1044. *Photo: © Joe McNally*

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