CONTENTS

1 MAY 2015 • VOLUME 348 • ISSUE 6234

NEWS

IN BRIEF
480 Roundup of the week’s news

IN DEPTH
484 NEPAL DISASTER PRESAGES A COMING MEGAQUAKE
Rupture in quiet region of crust suggests Himalayan threat was underestimated By E. Hand and P. Pulla

485 IN GUINEA, A LONG, DIFFICULT ROAD TO ZERO EBOLA CASES
The country could soon be the epidemic’s last holdout By M. Enserink

486 EMBRYO ENGINEERING STUDY SPLITS SCIENTIFIC COMMUNITY
First test of gene-editing technique on human embryos illustrates clinical risks By J. Kaiser and D. Normile

488 HAVE A SWEET TOOTH? NEW BLOOD TEST COULD TELL
Isotope ratios could aid research by tracking added sugars By V. Callier

489 GREECE RAIDS RESEARCH FUNDS TO PAY SALARIES
Beleaguered scientists are spending reserves to protect them from confiscation By E. Cartlidge

FEATURES

490 BEYOND GRAPHENE
The ultrathin form of carbon has inspired other atoms-thick materials that promise even bigger technological payoffs By R. F. Service

493 WHAT IS JEOPARDY!?
This popular TV game show has a thing for science By J. Cohen

INSIGHTS

PERSPECTIVES

496 1000 DAMS DOWN AND COUNTING
Dam removals are reconnecting rivers in the United States By J. E. O’Connor et al.

498 THE QUANTUM HALO STATE OF THE HELIUM TRIMER
Femtosecond laser pulses help to take a snapshot of the huge elusive Efimov state By O. Kornilov

499 BRAIN DISORDERS? PRECISELY
Precision medicine comes to psychiatry By T. R. Insel and B. N. Cuthbert

501 EXTINCTION RISKS FROM CLIMATE CHANGE
How will climate change affect global biodiversity? By J. Hille Ris Lambers

502 HUMAN-WILDLIFE CONFLICTS IN A CROWDED AIRSPACE
How can the ecological consequences of the increasing use of airspace by humans be minimized? By S. A. Lambertucci et al.

504 SECURE SUSTAINABLE SEAFOOD FROM DEVELOPING COUNTRIES
Require improvements as conditions for market access By G. S. Sampson et al.

506 EARLY LIFE AIRE
The development of particular T cells at a specific time prevents autoimmunity By A. Tanaka and S. Sakaguchi

508 FORAGERS, FARMERS, AND FOSSIL FUELS
By I. Morris, reviewed by P. Turchin

509 FROM SIGHT TO LIGHT
By A. M. Smith, reviewed by C. Dainty

509 WILD IDEAS
By E. Kelsey

LETTERS

511 AMERICA’S CRISIS OF FAITH IN SCIENCE
By T. L. Pittinsky

511 OUTSIDE THE TOWER: BRINGING SCIENCE INSIDE PRISON WALLS
By C. J. LeRoy

512 BEWARE STUDY DESIGN MEASUREMENT ERRORS
By D. B. Khatry