CONTENTS

12 AUGUST 2016 • VOLUME 353 • ISSUE 6300

12 AUGUST 2016 • VOL 353 ISSUE 6300

623

SCIENCE

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12 AUGUST 2016 • VOLUME 353 • ISSUE 6300

CONTENTS

647 & 708

Targeting amyotrophic lateral sclerosis

NEWS

IN BRIEF

628 News at a glance

IN DEPTH

632 FOUNDER’S DEATH UNSETTLES EGYPT’S SCIENCE CITY
Nobel Prize–winning chemist Ahmed Zewail was key to fundraising and recruitment By R. F. Service

633 CAN CAPTIVE BREEDING SAVE MEXICO’S VAQUITA?
Scientists mull a risky strategy to save an imperiled porpoise By B. Goldfarb

634 NIH PLANS TO FUND HUMAN-ANIMAL CHIMERA RESEARCH
Agency would subject experiments—such as growing human organs in pigs—to extra ethical review By J. Kaiser

635 PARTICLE NO-SHOW AT LHC PROMPTS ANXIETY
Accelerator enters prime discovery phase, but the clock is ticking By A. Cho

637 SCIENTISTS SPLIT ON OREGON OLD-GROWTH FOREST PLAN
The northern spotted owl is again the center of controversy By W. Cornwall

FEATURES

638 FROM BARK TO BEDSIDE
Clinical trials in pets are ramping up, but will they benefit human health? By D. Grimm

641 OIL IN THE FOREST
A rash of spills in the Amazon has scientists and villagers scrambling to understand oil’s effects on the ecosystem By B. Fraser

INSIGHTS

PERSPECTIVES

644 MAKING SENSE OF THE EXOPLANET ZOO
The diversity of substellar objects may call for a rethinking of our labeling conventions By R. Oppenheimer

646 TWISTS AND TURNS IN GATING ION CHANNELS WITH VOLTAGE
The EAG potassium channel may use an alternative voltage-dependent gating mechanism By G. E. S. Toombes and K. J. Swartz

647 ONE TARGET FOR AMYOTROPHIC LATERAL SCLEROSIS THERAPY?
Targeting a single protein reduces both toxic repeat RNAs and proteins By S. Mizielinska and A. M. Isaacs

648 MEASURING THE PASSAGE OF BRAIN TIME
Many brain areas are under both circadian and homeostatic control By C. A. Czeisler

650 ATMOSPHERIC RADICAL CHEMISTRY REVISITED
Sunlight may directly drive previously unknown organic reactions at environmental surfaces By V. Vaida

651 BALANCING ECONOMIC AND ECOLOGICAL GOALS
What are the trade-offs between economic development and ecosystem conservation? By E. G. Frank and W. Schlenker

653 THE CHALLENGE OF CLIMATE-CHANGE NEO-SKEPTICISM
Decision science and risk management are underutilized By P. C. Stern et al.

Science Staff ............................................. 626
New Products ............................................. 713
Science Careers ......................................... 714

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Books et al.
655 DANGEROUS LIAISONS
An insider’s guide to venomous creatures delivers on the science but is short on tales of the bitten and stung By C. Kemp

656 IN REAL LIFE
An essayist offers an intimate glimpse into the digital technologies that are redefining the human experience By J. Golbeck

Letters
657 CHINA’S ECOSYSTEMS: FOCUS ON BIODIVERSITY
By R. Wu

657 CHINA’S ECOSYSTEMS: OVERLOOKED SPECIES
By Z. Jiang et al.

657 CHINA’S ECOSYSTEMS: SACRIFICING THE POOR
By J. A. Zinda et al.

658 TECHNICAL COMMENT ABSTRACTS

Research Articles
664 STRUCTURAL BIOLOGY
Structure of the voltage-gated K+ channel Eagl reveals an alternative voltage sensing mechanism J. R. Whicher and R. MacKinnon

664 & 673

669 PHYSICS
Laser spectroscopy of muonic deuterium R. Pohl et al.

673 EXTRASOLAR PLANETS
Direct imaging discovery of a Jovian exoplanet within a triple-star system K. Wagner et al.

679 PHYSICS
Atmospheric photochemistry at a fatty acid–coated air-water interface S. Rossignol et al.

702 LIFE HISTORY
Eye lens radiocarbon reveals centuries of longevity in the Greenland shark (Somniosus microcephalus) J. Nielsen et al.

705 HYDROLOGY
Continental patterns of submarine groundwater discharge reveal coastal vulnerabilities A. H. Sawyer et al.

708 NEURODEGENERATION
Spt4 selectively regulates the expression of C9orf72 sense and antisense mutant transcripts N. J. Kramer et al.

Reports
678 ORGANOMETALLICS
Isolation and structural and electronic characterization of salts of the decamethylferrocene dication M. Malischewski et al.

682 SOFT ELECTRONICS
Highly stretchable, transparent ionic touch panel C.-C. Kim et al.

687 SLEEP RESEARCH
Local modulation of human brain responses by circadian rhythmicity and sleep debt V. Muto et al.

691 BRAIN MICROCIRCUITS
Imprinting and recalling cortical ensembles L. Carrillo-Reid et al.

694 ECONOMIC POLICY
The impact of homelessness prevention programs on homelessness W. N. Evans et al.

696 ECONOMIC POLICY
Posters: Imprinting and recalling cortical ensembles L. Carrillo-Reid et al.

699 ATMOSPHERIC CHEMISTRY
Eye lens radiocarbon reveals centuries of longevity in the Greenland shark (Somniosus microcephalus) J. Nielsen et al.

718 WORKING LIFE
The 1-hour workday By Jeffrey J. McDonnell

Departments
627 EDITORIAL
ETT’s teething problems
By Helga Nowotny and Jana Kolar

664 & 665

On the Cover
A Greenland shark (Somniosus microcephalus). These creatures are among the world’s largest carnivorous sharks and are distributed throughout Arctic waters. For decades, the longevity of this slow-growing species has remained a mystery. Using well-established radiocarbon dating techniques applied on Greenland shark eye lens tissue, Nielsen et al. estimate that these animals are the longest-living vertebrates known to date. See page 702. Photo: © Nick Caloyianis/National Geographic Creative

CONTENTS
12 AUGUST 2016 • VOLUME 353 • ISSUE 6300
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